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Water Resources  
Bulletin 2-10  
Ground water series

# GROUND WATER IN ONTARIO

SOUTHWESTERN AREA  
1964—1967



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**WATER RESOURCES  
BULLETIN 2-10**  
*Ground water series*

**GROUND WATER  
IN ONTARIO  
SOUTHWESTERN AREA  
1964 to 1967**

**ONTARIO WATER RESOURCES COMMISSION**

**DIVISION OF WATER RESOURCES**

**TORONTO**

**ONTARIO**

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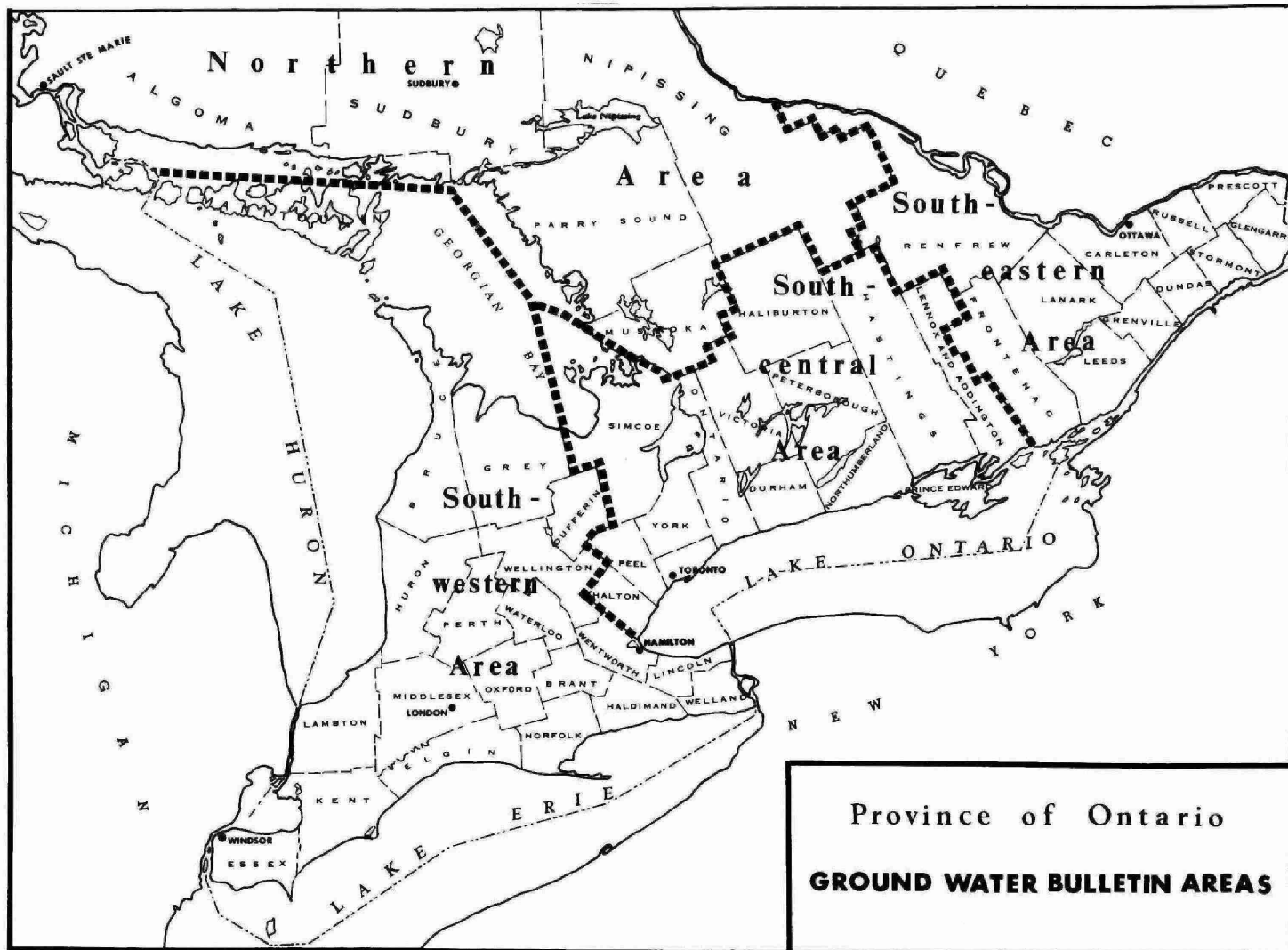
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GROUND WATER IN ONTARIO  
SOUTHWESTERN AREA  
1964-1967

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INTRODUCTION

This bulletin contains ground-water information assembled for the southwestern area of the province for the period 1964 to 1967. It is the thirteenth publication in which basic data have been assembled on ground-water conditions in Ontario.

Twelve prior publications are listed in Appendix D. The first three, containing data for the years from 1947 to 1952, were published by the Ontario Department of Mines; the next nine by the Ontario Water Resources Commission.

Four areas have been selected for grouping of data to aid in preparing and using the bulletins: the southwestern area, the south-central area, the southeastern area and the northern area. Their extents are shown on the map on page iv. This form has been adopted because it is more convenient, for users seeking information about conditions in a particular area, to be able to consult one book for data over extended periods rather than consult several books with annual data.

This bulletin contains the well logs for the following counties:

Brant	Grey	Lincoln	Waterloo
Bruce	Haldimand	Middlesex	Welland
Dufferin	Huron	Norfolk	Wellington
Elgin	Kent	Oxford	Wentworth
Essex	Lambton	Perth	

and the district of

Manitoulin.

The data in this bulletin have been restricted to the logs of water-wells which are found in Appendix C, a summary of the well log data in Appendix B and a list of licensed boring and drilling contractors in Appendix A. Details on the Geography, Hydrogeology and Regional Aquifer Characteristics of the Southwestern Area are to be found in Ground Water Bulletin 6.

Observation well data formerly appearing with the data in this publication will now appear in separate bulletins.

Enquiries concerning the data in this bulletin should be directed to the Supervisor, Hydrologic Data Branch, Division of Water Resources.

Records are being received constantly and data not yet published are available for reference in the offices of the Hydrologic Data Branch.

Acknowledgments

The water-well boring and drilling contractors licensed to work in Ontario submitted well logs and water-well data to the Commission. In so doing, they played an important part in the assembly of valuable hydrogeologic data. The service rendered in the public interest deserves high tribute and is gratefully acknowledged.

Preparation of the bulletin was supervised by Mr. B. A. Singh, Supervisor, Hydrologic Data Branch, under the direction of Mr. D. N. Jeffs, Assistant Director, Division of Water Resources. The following staff of the Division of Water Resources worked in the preparation of the bulletin: Mrs. M. Ellis, Mrs. P. Hollett, Mrs. F. McClements, Messrs. A. J. Tasker, A. Fuchs, and J. A. Haw.

## LICENSED BORING AND DRILLING CONTRACTORS - 1964-1967

Appendix A is a list of licensed water-well boring and drilling contractors for the whole province and the number of wells constructed by each contractor in each of the years under review. The contractors are listed according to their county or district of residence, but the wells shown against each contractor were not necessarily constructed in the county or district in which the contractor resided.

### WATER-WELL RECORDS

All water-well records forwarded by contractors are on file at the offices of the Ontario Water Resources Commission in Toronto and are available to the public for reference purposes.

The number of records submitted by contractors for the southwestern area for the period covered by this bulletin are shown below:

Year	1964	1965	1966	1967
No. of wells reported	3520	2907	2931	3053
Percentage of wells reported to be dry	7	5	7	6

Most of the important information from the records has been compiled in Appendix C and summarized in Appendix B. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed, except in a few instances where frequent repetitions of formations in long logs have been combined into more convenient general descriptions.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were situated at the time of construction.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rates at which the wells could continue to supply water for prolonged periods of pumping. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry, while others may have been capable of being pumped steadily at much higher rates than those carried out during the pumping tests.

Well water intended for use by municipalities or in churches, schools, hotels, and buildings generally occupied by several families or groups of people, was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in factories, and dairies, as industrial; for greenhouses and market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.

**APPENDIX A - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1964 - 1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
ALGOMA					
1. Ahearn, R. P.	Goulais River	21	21	13	18
2. Bonnin, F. V.	49 Oakwood Dr., Sault Ste. Marie	0	0	*	*
3. Clearwater Drilling & Supply	310 Nixon Rd., Sault Ste. Marie	13	5	0	0
4. Chapman, C. W.	Batchawana Bay	13	7	14	27
5. Collins, S. C.	Echo Bay	*	*	0	0
6. Coulter, S.	Echo Bay	1	1	2	2
7. Furkey, R.	Richards Landing	0	0	6	6
8. Grexton, J. A.	Bruce Mines	0	2	*	*
9. Halcrow, W. R.	Bar River	1	1	0	0
10. Koehler, R.	R. R. #4, Sault Ste. Marie	*	*	*	5
11. McClelland & Hughson	Echo Bay	2	0	0	2
12. McMenemy, R. & Rennison, J.	R. R. #1, Sault Ste. Marie	*	0	10	11
13. Parr, C.	R. R. #1, Sault Ste. Marie	0	*	*	0
14. Pozzebon, A.	562 Douglas St., Sault Ste. Marie	*	*	11	8
15. Renwick, R. B.	General Delivery, Sault Ste. Marie	3	1	0	0
16. Scott, N. W.	99 Bellevue Ave., Sault Ste. Marie	0	0	2	0
17. Sharp, H.	R. R. #1, Sault Ste. Marie	*	*	*	3
BRANT					
1. Beven Electric Ltd.	46 Alexander St., Burford	*	*	*	0
2. Davis, I.	131 Campbell St., Brantford	11	5	1	0
3. Dennis, R.	R. R. #2, Brantford	*	5	2	22
4. Johnson, H.	7 John St., Brantford	47	56	59	40
5. P. V. K. & Sons	R. R. #4, Brantford	6	0	1	7
6. Stefan, J.	19 Iroquois St., Brantford	21	22	20	23
7. Swayze, J.	R. R. #2, Burford	*	*	*	1
8. Wood, H.	R. R. #3, Scotland	9	11	4	5
BRUCE					
1. Currie, A.	Dobbinton	*	0	0	0
2. Schultz, E.	R. R. #2, Tara	*	*	*	0
3. Wright, D. E.	385 Division St., Wiarton	*	*	23	20
4. Wright, Dalton & Sons	c/o Wm. Wright, Hepworth	24	59	48	*
5. Wright, H.	Box 167, Hepworth	*	*	*	0
6. Wright, L. & A.	Box 62, Wiarton	24	13	18	17
7. Wright, R. & S.	c/o Roy Wright, Wiarton	45	38	31	43
8. Wright, S. & O.	Box 371, Wiarton	16	17	21	7
9. Wright, W.	Box 167, Hepworth	*	*	*	72
CARLETON					
1. Blair Phillips Drlg. Co. Ltd.	1119 Falaise Rd., Ottawa 5	17	23	23	30
2. Capital Water Supply	14 Ashford Dr., Ottawa	97	125	127	149
3. Charbonneau, G.	Box 194, R. R. #1, Orleans	75	58	61	33
4. Cossette, F. R.	1510 Baseline Rd., Ottawa	18	10	14	13
5. Cossette, V.	60 Marquette St., Eastview	4	*	*	*
6. Cossette, W.	259A Sheakespeare St., Ottawa 2	0	*	*	*
7. Deevy, W. A.	2898 Houghton St., Ottawa 14	2	1	8	8
8. Dufresne, C.	135 Sweetland Ave., Ottawa	14	3	23	5
9. Dufresne, J. B. & Co. Ltd.	1014 Maitland Ave., Ottawa	112	79	77	62
10. Fluery, F.	1156 Shillington Ave., Ottawa	*	*	*	2
11. Johnson, F. E. Drlg. Co. Ltd.	P.O. Box 4134, Stn. E, Ottawa 1	8	16	22	10
12. McLaughlin, M.	Ashton	29	20	10	15
13. McLean Water Supply Ltd.	1532 Raven Ave., Ottawa	38	44	24	28
14. Meagher, M.	639 Rowanwood Ave., Ottawa	23	24	66	11
15. Moloughney, W.	1110 Fisher Ave., Ottawa	7	1	0	9
16. Quinn, A. E.	R. R. #3, Metcalfe	7	3	1	2
17. Smart, B. C.	77 Marlowe Cres., Ottawa	0	0	0	*
18. Sparks, E. P.	Stittsville	14	12	*	*
COCHRANE					
1. Dodge, W. P.	General Delivery, Cochrane	*	0	0	0
2. Groleau, D. Diamond Drlg.	Box 98, 224 Government Rd., Kapuskasing	41	55	39	60
3. Levesque, L.	Box 226, Cochrane	4	0	0	0
4. Longstreet, Glen	R. R. #1, Matheson	*	*	*	0
5. Longstreet, Gordon	R. R. #1, Matheson	*	*	*	0
6. Longstreet, J. B. & Sons	Matheson	17	22	*	*
7. Longstreet, M.	Matheson	2	2	8	6
8. Longstreet, R.	Matheson	0	*	14	13
9. Longstreet, T.	R. R. #1, Matheson	4	6	4	0
10. Noel, D.	53 Park St., Timmins	2	1	0	2
11. Robitaille, E.	Ramore	*	2	0	0

\* Not licensed

**APPENDIX A - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1964 - 1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
DUFFERIN					
1. Belmont Drilling Co.	Box 44, Orangeville	*	8	10	34
2. Davenport, W. L.	26 Amanda St., Orangeville	*	0	0	*
3. Lunney, Gordon Well Drlg.	36 Buena Vista Dr., Orangeville	*	*	16	34
4. Shropshire, C.	R. R. #5, Orangeville	0	*	*	*
5. Smith, C.	31 Wellington St., Orangeville	22	16	7	0
6. Tortington, G.	R. R. #1, Orangeville	32	22	11	16
DUNDAS					
1. Casselman, R. H.	Williamsburg	*	58	42	47
2. Simzer, Ivan & Sons	R. R. #1, Mountain	29	30	22	22
DURHAM					
1. Fulton, G. B.	R. R. #3, Bowmanville	*	13	27	14
2. Halford, R. & Son	R. R. #2, Port Hope	*	15	17	4
3. Hoskin, G. & L.	Burketon	*	24	0	0
ELGIN					
1. Hoover, E. & Son	307 Talbot St. E., Aylmer	12	12	8	14
2. Locker, W. E.	R. R. #2, Vienna	*	7	4	1
3. Kent, C. H.	Aylmer	25	*	*	*
4. Marcus, L. A.	R. R. #2, Wallacetown	5	0	0	1
5. McBeth, W. L.	Box 681, 15 Dufferin St., Aylmer	6	5	3	0
6. Norman, C. B.	R. R. #1, Corinth	3	0	0	2
7. Roswell, L.	Box 5, Vienna	0	0	*	*
8. Warren, C.	Sparta	18	11	0	10
9. Warren, J. H.	Box 58, Sparta	*	*	0	10
10. Wyatt, A.	R. R. #1, Springfield	0	0	0	0
ESSEX					
1. Counsell, H.	R. R. #2, South Woodslee	*	0	0	0
2. Gilbert, S.	642 Williams St., Windsor	3	0	0	0
3. Hernandez, Arthur	Box 262, Harrow	*	*	0	0
4. Hernandez, David A.	228 Wellington St., Box 262, Harrow	*	*	0	0
5. Hernandez, Earl M.	Box 262, Harrow	2	12	25	32
6. Hernandez, M. & Sons	Box 262, Harrow	15	12	8	16
7. Hernandez, W.	228 Victoria St., Harrow	12	10	13	12
8. Hutchins, S. A.	R. R. #2, Amherstburg	21	9	6	12
9. Johnston Brothers	c/o M. Johnston, R. R. #3, Essex	3	8	5	2
10. LeClaire, H.	Comber	0	0	*	*
11. Lucier Well Drlg.	R. R. #1, McGregor	23	29	8	2
12. MacRae, D. M.	R. R. #3, Essex	0	0	0	0
13. Smith, C.	R. R. #2, South Woodslee	0	0	0	0
14. Smith, J. H.	R. R. #2, Essex	2	3	3	0
15. Sundin, D.	R. R. #1, Kingsville	36	34	38	24
16. Sundin, G. M.	R. R. #1, Kingsville	1	1	17	15
17. Sundin, L.	R. R. #1, Kingsville	1	0	*	*
18. Wilkinson, A.	R. R. #3, Leamington	2	1	0	0
19. Williams, M. J.	R. R. #5, Leamington	17	16	6	12
FRONTENAC					
1. Davy, W. H. & Son	Verona	152	192	170	180
2. Eastern Ontario Diamond Drlg.	Box 39, Sharbot Lake	26	20	14	20
3. Goodberry Well Drilling Ltd.	196 Indian Rd., Kingston	113	106	105	142
4. Knox, J.	Westbrook	74	57	54	48
5. Wales, R. C.	R. R. #1, Kingston	19	11	2	*
GLENGARRY					
1. Brunette, J. P. & Sons	St. Scholastique, Quebec	*	0	0	0
2. Ferguson Thresher Co.	Maxville	2	1	1	3
3. Lefebvre, G.	Ste. Justine De Newton, Quebec	*	21	15	19
GRENVILLE					
1. Rathwell, H. J.	R. R. #2, Merrickville	*	0	*	*
2. Sparks, B. E.	R. R. #1, Kemptville	*	0	2	5

\* Not licensed



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1964-1967**

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
GREY					
1. Bellerby, M. S.	R. R. #4, Owen Sound	7	2	*	*
2. Blakely, G.	R. R. #1, Maxwell	*	*	0	1
3. Durham Drlg. & Enterprises	Box 299, Durham	100	81	45	71
4. Hicks, J. R.	R. R. #1, Holstein	0	0	0	0
5. Hotchkiss, E. R.	62 Saddler St. E. Durham	*	0	0	0
6. Loucks, A. C.	Box 45, Chatsworth	49	35	28	34
7. Maxwell, W.	R. R. #2, Proton	*	1	0	*
8. Mighton, Kenneth & Son	36 Countess St., Durham	30	53	77	68
9. Pratt's Well Drilling	R. R. #4, Durham	41	41	20	0
HALDIMAND					
1. Caughell Bros.	R. R. #4, Dunnville	2	2	*	*
2. Comfort, G.	R. R. #1, Selkirk	0	0	0	0
3. Culver, E.	R. R. #1, Selkirk	12	1	1	9
4. Gilbertson, R. J.	R. R. #4, Cayuga	0	0	0	0
5. Helka, B.	Box 543, 80 Main St., Hagersville	0	2	0	0
6. Mandley Drilling	Dunnville	0	2	5	7
7. Mitchell, E. A.	Elizabeth St., Box 26, Jarvis	24	21	15	35
8. Nauman, R. J.	Fisherville	3	6	3	1
9. Ricker, E. A. & Son	Canboro	2	1	0	*
10. Smelser, I.	Main St., Jarvis	2	0	0	*
11. Stewart, E.	R. R. #3, Jarvis	38	8	11	14
12. Wickett, J. F.	Box 313, Caledonia	14	23	32	59
HALIBURTON					
1. Haliburton Drilling	Box 412, Haliburton	15	19	16	10
2. Rabb Diamond Drlg. Co. Ltd.	88 Spruce Ave., Cardiff	1	1	*	*
HALTON					
1. O'Rourke, J. E.	R. R. #1, Acton	28	13	34	18
2. Ruttan, B.	4366 Guelph-Burlington Line, Milton	68	78	66	63
3. Sprowl, J. T.	R. R. #4, Acton	42	36	32	37
HASTINGS					
1. Donaldson, M.	Box 40, Foxboro	*	68	63	66
2. Donaldson, T.	Cloverleaf Dr., Belleville	85	47	46	52
3. Fraser Well Drilling	Box 293, Marmora	*	*	*	49
4. Jones, H. E. & Sons	R. R. #2, Trenton	74	41	0	1
5. Rowe Diamond Drilling	R. R. #3, Bancroft	14	17	15	1
6. Taylor Ed & Sons	117 Dingman St., Madoc	9	9	18	6
7. Taylor, W. B.	163 Elgin St., Box 41, Madoc	*	14	61	50
HURON					
1. Davidson, G. L.	Josephine St., Wingham	95	87	116	93
2. Hopper, W. D. & Sons	c/o N. Hopper, R. R. #2, Seaforth	73	70	61	77
3. Mawhinney, I.	R. R. #1, Wroxeter	0	0	*	*
KENORA					
1. Aqua Well Drilling	Box 8, Group 17, Dryden	*	*	*	5
2. Community Well Drilling	907 1st St. S., Kenora	3	88	41	30
3. Dessere Well Digging	Dryden	*	*	10	13
4. Edwards Diamond Drlg. Ltd.	Box 369, Kenora	3	0	0	4
5. Lantz Diamond Drilling	Box 4, Wabigoon	9	6	4	7
6. Subterranean (Canada) Ltd.	1380 Wall St., Winnipeg 3, Manitoba	*	*	*	1
KENT					
1. Ashburn, H. & Weston, J	Box 54, Dresden	*	0	*	2
2. Bourdeau, J.	R. R. #2, Dover Centre	0	0	0	0
3. Britton, G. D.	75 Lemuel St., Thamesville	0	0	0	0
4. Couture, F.	R. R. #1, Chatham	63	1	0	0
5. Driedger, H. N.	R. R. #3, Wheatley	*	*	0	0
6. Earl, K. & Lather, R.	R. R. #3, Bothwell	*	*	*	16
7. English, R. & H.	R. R. #4, Blenheim	1	0	0	1
8. Galbraith, G.	Box 43, Morpeth	20	10	21	17
9. Humphrey, A. J.	Gordon St., Bothwell	*	0	0	9
10. Johnston, C. & J.	Gordon St., Bothwell	*	40	3	0
11. Johnston, M.	R. R. #1, Paincourt	*	*	28	18

\*Not licensed

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AND NUMBERS OF WELLS CONSTRUCTED  
1964 - 1967

Licensed Contractor and Location by County and District	Address (All addresses are in Ontario unless otherwise stated)	Number of Wells Constructed			
		1964	1965	1966	1967
KENT					
12. Kemp, Russell & Reginald	R. R. #3, Tilbury	0	0	0	0
13. Lather, A.	R. R. #3, Bothwell	0	0	0	0
14. Lather, R. & V.	R. R. #3, Bothwell	1	1	12	6
15. Lecuyer, D. P.	201 Queen St., Chatham	25	15	21	33
16. Lecuyer, O.	57 Joseph St., Chatham	21	16	17	5
17. Marsh, T.	Box 276, Bothwell	*	*	*	0
18. Marsh, W. G.	Gordon St., Bothwell	13	12	13	21
19. McDonald, H.	231 Margaret St., Wallaceburg	29	28	22	16
20. Munro, R. R.	Box 186, Bothwell	0	0	0	0
21. Nichols, J. C.	R. R. #1, Blenheim	*	*	*	0
22. Pinder, R.	R. R. #4, Blenheim	0	0	0	0
23. Pinsonneault, R.	R. R. #2, Thamesville	86	9	10	12
24. Renwick, R. B.	R. R. #3, Tilbury	0	0	0	0
25. Rice, D.	R. R. #1, Fletcher	0	0	0	0
26. Rice, G.	R. R. #1, Fletcher	19	14	10	4
27. Rumble, E. & J.	R. R. #5, Blenheim	11	9	7	10
28. Simpson, D. C.	R. R. #5, Dresden	53	31	49	34
29. Simpson, R. W.	R. R. #2, Dresden	36	45	44	41
30. Skipper, J.	Fletcher	*	*	4	0
31. Smith, J. E.	R. R. #3, Dresden	*	*	0	0
32. Travis, C.	R. R. #1, Fletcher	0	0	0	0
33. Tyhurst, R.	R. R. #3, Dresden	0	1	0	0
34. Wade, D.	R. R. #5, Wallaceburg	30	29	30	40
LAMBTON					
1. Brandon, H. A.	Courtright	9	30	14	0
2. Bullock, M. S.	R. R. #1, Wilkesport	2	1	1	0
3. Chrysler, J.	R. R. #1, Wilkesport	0	0	0	*
4. Conlon, V.	R. R. #1, Port Lambton	7	5	6	6
5. Douglas, D. A.	R. R. #1, Courtright	0	0	0	1
6. General Drig. & Well Service	Box 124, Port Lambton	*	*	*	1
7. Heal, A. A.	433 St. Clair St., Box 264, Watford	69	33	36	34
8. Hussey, E. B.	447 King St., Petrolia	26	*	*	*
9. Hussey, G. G.	341 Exmouth St., Sarnia	0	0	1	0
10. Jackson, E. G.	2003 Jean St., Bright's Grove	*	0	0	0
11. Jackson, F. W. & Son	2003 Jean St., Bright's Grove	66	38	21	10
12. MacRae, D. M.	R. R. #7, Alvinston	*	*	0	0
13. Morningstar, E.	Box 75, Oil Springs	5	9	7	3
14. Morningstar, H.	Box 75, Oil Springs	*	*	0	0
15. Rawson, L.	R. R. #3, Petrolia	20	17	14	16
16. Thrower, C. R.	R. R. #3, Watford	6	6	6	9
17. Ward, Mervyn E.	R. R. #4, Watford	0	0	0	0
18. Weatherstone & Williams	R. R. #2, Croton	*	3	6	3
LANARK					
1. Coleman, W. C.	Box 64, R. R. #2, Carleton Place	6	3	1	2
2. Nugent, W. V.	Lanark	27	19	17	21
3. Stanton, A.	Graham St., Pakenham	33	31	30	39
4. Thompson Brothers	R. R. #3, Lanark	21	50	49	30
5. Trodden, Lloyd	R. R. #2, Smiths Falls	*	*	0	0
6. Wark, D. J.	R. R. #2, Clayton	0	0	0	0
LEEDS					
1. Davis, H. L.	Jellyby	38	40	41	45
2. Davis, T. L.	Jellyby	3	2	*	*
3. The Dutch Store Ltd.	215 King St. W., Brockville	8	6	*	*
4. Jones, C. W.	R. R. #1, Lyndhurst	61	53	57	93
5. Kenny, R.	Box 37, Lyndhurst	10	10	0	*
6. Lackie, N.	Burritts Rapids	*	21	23	23
7. McCarthy, F. J.	Newboro	45	30	33	0
8. Miller, R. H.	R. R. #3, Brockville	58	58	57	66
9. Morrison, A. E.	R. R. #1, Jellyby	*	11	*	*
10. Morrison, C. K.	Eastons Corners	*	3	0	*
11. Morrison, C. V.	Frankville	63	38	45	47
12. Rideau Well Drillers	c/o Junior Smith, Lyndhurst	*	*	41	44
13. Thompson, J. R.	R. R. #1, Westport	27	36	32	32
LENNOX & ADDINGTON					
1. Campbell, L.	R. R. #1, Newburgh	69	61	45	85
2. Chalk, G. H. Jr.	R. R. #6, Napanee	91	75	91	118
3. Richmond, T. A.	Box 13, Roblin	28	31	10	0
4. Stone, D. J.	38 Graham St. W., Napanee	21	44	50	4

\* Not licensed

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		1964	1965	1966	1967
LINCOLN					
1. Field, W. L. & Son	R. R. #1, Vineland	22	14	19	22
2. Jonston, E.	455 Ridge Rd., Ridgeway	*	0	0	0
3. Lounsbury, W. A. & Sons	30 Dunlop Dr., St. Catharines	35	32	30	20
4. Merritt, F.	R. R. #1, Smithville	29	70	72	71
5. Merritt, S. W.	R. R. #1, Smithville	29	37	44	54
6. Packham, W.	R. R. #2, Smithville	94	88	103	*
MANITOULIN					
1. Wright, D.	14 Walcot St. N., Manitowaning	16	13	19	10
MIDDLESEX					
1. Barber, L.	131 Delatre St., Thamesford	*	*	0	0
2. Carrothers, I.	R. R. #3, Kerrwood	45	0	*	*
3. Dale, W.	R. R. #7, London	*	34	27	31
4. Dolphin & Earl	Strathroy	51	40	29	6
5. Earl, S.	R. R. #2, Kerrwood	39	14	13	23
6. Evans, G.	Victoria St., Glencoe	10	0	0	0
7. Ferguson, C. R.	R. R. #3, Lucan	*	0	0	0
8. Helkaa, R.	R. R. #1, Mossley	0	2	2	4
9. Hudson, R. F.	R. R. #1, Arva	108	103	125	143
10. International Water Supply	12 Maitland St., London	161	118	163	199
11. Johnston, W. K.	220 Starlight Ave., London	*	0	0	0
12. Jones, M.	R. R. #3, Thorndale	29	26	19	38
13. Lounsbury, I. T.	R. R. #3, London	15	9	4	4
14. Newport, W. R. & Sons	R. R. #1, Wardsville	*	*	*	0
15. Parsons, L. R.	R. R. #2, Ilderton	*	0	0	0
16. Siegrist, H. C.	R. R. #5, London	6	4	2	0
17. Smith, R.	R. R. #3, Denfield	34	32	39	43
18. Stoner, E. W.	R. R. #3, Denfield	0	0	0	0
19. Stroh, R. E.	1582 Dixie St., London	0	0	1	0
MUSKOKA					
1. Allard Bros.	15 Airport Rd., Box 1427, Huntsville	33	22	21	25
2. Hammond, F. C.	Box 592, Huntsville	64	56	71	60
NIPISSING					
1. Bradley, S.	R. R. #1, Sturgeon Falls	9	8	10	11
2. Brochu, W. C.	116 Hyland Rd., North Bay	36	18	23	34
3. Canadian Longyear Co.	1111 Main St. W., North Bay	1	1	1	0
4. Gateway Drig. & Soil Testing	1212 Beattie St., North Bay	52	42	28	37
5. Inspiration Ltd.	170 Regina St., Box 477, North Bay	0	0	0	0
NORFOLK					
1. Bealton Well Digging & Const.	R. R. #1, Wilsonville	*	*	*	16
2. Belore, W. A.	Courtland	10	0	11	15
3. Burwell, W.	R. R. #4, Tillsonburg	*	0	0	30
4. Continental Water Supply	Box 1204, Delhi	*	0	0	0
5. Goodfellow, G. W.	285 Emily St., Simcoe	0	0	0	0
6. Hodgson, R.	R. R. #1, Vittoria	36	18	2	0
7. Linton, S.	58 Robinson St., Simcoe	8	5	9	12
8. Lyons, S. & Son	R. R. #4, Simcoe	0	0	1	0
9. McKenzie, R.	Vittoria	20	7	14	21
10. Swayze, R.	R. R. #5, Simcoe	20	18	14	22
11. VanKessel, T.	179 Sherman St., Simcoe	19	16	24	8
NORTHUMBERLAND					
1. Gilbert, N.	R. R. #2, Baltimore	15	31	37	32
2. Reycraft & Lloyd	74 Centre St., Campbellford	36	25	17	0
3. Summers, B.	R. R. #2, Hastings	27	25	14	36
ONTARIO					
1. Hoskin, C.	R. R. #2, Oshawa	*	*	30	20
2. Hunt, B.	31 Rodda Blvd., West Hill	4	11	16	10
3. Ward, W. & W.	204 Chestnut St., Whitby	130	138	144	6

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		1964	1965	1966	1967
OXFORD					
1. Baird, W. D.	Bright	*	*	13	12
2. Burwell, W.	R. R. #4, Tillsonburg	*	*	13	*
3. Cole Water Wells	R. R. #3, Tillsonburg	14	24	21	14
4. De Groat, S.	R. R. #3, Tillsonburg	0	0	0	1
5. Hooper, M.	R. R. #2, Ingersoll	*	0	*	*
6. McLeod, K. & Sons	249 King St. E., Ingersoll	40	33	41	37
7. National Pump & Water Supply	c/o Bernard Ransome, R. R. #8, Woodstock	7	2	5	8
8. Palenkas, J.	Box 16, Plattsville	*	*	*	0
9. Steinman & Baird	R. R. #1, Bright	66	33	*	*
10. Steinman, N.	R. R. #1, Bright	*	*	25	25
11. Warren Water Wells	94 North St. W., Tillsonburg	39	36	42	24
12. Weaver, J. H. & Son	332 Tillson Ave., Tillsonburg	51	9	*	*
PARRY SOUND					
1. Haglund, C. Diamond Drlg.	Elm St. Powassan	*	13	5	0
PEEL					
1. Babiuk, M.	500 Burnhamthorpe Rd., Etobicoke	82	78	88	88
2. Babiuk Well Boring	126 Laurel Ave., Islington	55	41	38	56
3. Barnhardt, N. D.	R. R. #2, Brampton	4	6	2	0
4. Burton, J. L.	57 Royce Ave., Brampton	0	0	0	0
5. Core, W. E.	161 Queen St. E., Brampton	16	19	30	28
6. Dick, R.	R. R. #3, Bolton	5	3	*	*
7. Lagendyk, H.	Eugenia	*	0	0	0
8. Longstreet, E. E.	R. R. #1, Meadowville	0	0	0	0
9. McCauley, S.	Mono Road	24	14	13	26
10. McClure, K.	R. R. #1, Inglewood	12	11	13	9
11. McClure, S. C.	R. R. #1, Inglewood	0	0	0	0
12. Spatuck, P.	R. R. #3, Malton	35	49	38	41
PERTH					
1. Keeso, C. H.	R. R. #1, Listowel	37	29	19	22
PETERBOROUGH					
1. Elvidge, R.	813 Cameron St., Peterborough	*	66	52	56
2. Faulkner Well Drlg. Co. Ltd.	687 Water St., Peterborough	296	250	278	264
3. Griffith, C. C.	R. R. #2, Warsaw	12	3	6	9
4. McNeely, P.	R. R. #1, Lakefield	11	11	8	0
5. Sanderson, W.	134 Maria St., Peterborough	*	158	142	134
6. Stockdale, S. Well Drilling	R. R. #2, Peterborough	19	15	23	19
PRESCOTT					
1. Belanger, M.	Box 83, Chute-a-Blondeau	23	20	20	24
2. Campbell, B.	R. R. #1, Grenville, Quebec	*	1	3	4
3. Steeves Well Drlg. Reg'd	396 Phaneuf Ave., Dorion, Quebec	*	15	10	6
PRINCE EDWARD					
1. McClennon, L. H. & Son	Cor. Main & Belleville Rd., Wellington	114	57	74	60
2. Rolston, R.	Main St., Bloomfield	42	37	25	28
RAINY RIVER					
1. Albertson, J.	General Delivery, Rainy River	*	*	0	0
2. Baker, L.	Emo	7	5	0	10
3. D & S Diamond Drilling	Box 59, Emo	*	*	*	6
4. Kellar, L.	Devlin	19	6	0	17
5. Pruys, F.	R. R. #2, Devlin	9	5	5	2
6. Sanche, J. N.	Pinewood	29	18	19	40
RENFREW					
1. Giffin, H.	R. R. #2, Renfrew	26	30	15	18
2. Law, G. H.	Calabogie	0	0	*	*
3. Marquardt, B. F.	Schutt	22	40	18	31
4. Marquardt, E. V.	Palmer Rapids	25	36	27	21
5. Munro, C.	Box 361, Pembroke	100	75	22	33
6. Presley, K.	R. R. #2, Arnprior	17	30	*	*
7. Russell, J. C.	R. R. #1, Renfrew	15	18	15	13
8. Saunders, R.	R. R. #2, Arnprior	*	*	30	27
9. Stein, C. E.	402 Boundary Rd., Pembroke	*	14	2	0

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		1964	1965	1966	1967
RUSSELL					
1. Bourgeois, G.	St. Albert	27	19	15	18
2. Cayer Well Drillers	R. R. #1, Casselman	1	19	19	24
SIMCOE					
1. Anderson Drilling	58 Campbell Ave., Barrie	*	*	0	22
2. Bartley, C.	R. R. #3, Collingwood	8	1	0	1
3. Bourgeois, A.	Wasaga Beach	*	*	*	0
4. Cameron, A.	R. R. #1, Midhurst	22	23	29	44
5. Cameron, L.	R. R. #1, Midhurst	0	0	0	0
6. Collins, P.	R. R. #3, Barrie	*	9	2	4
7. Corner, F.	Box 51, Lefroy	0	0	0	*
8. Coupland Drilling	R. R. #2, Barrie	30	21	12	10
9. Coupland, T.	R. R. #2, Barrie	0	0	0	0
10. Hammers, A.	R. R. #5, Barrie	*	*	0	0
11. Hammers, H.	R. R. #3, Barrie	104	136	77	64
12. Howell, L. J.	Box 157, Coldwater	4	6	6	8
13. Knelsen Water Wells	R. R. #1, Barrie	*	18	33	40
14. Mason, M.	R. R. #1, Colgan	0	29	32	47
15. Nimmo, T.	302 Birch St., Collingwood	2	8	*	*
16. Roth Well Digging	R. R. #4, Cookstown	*	69	91	95
17. Scott Wells	R. R. #1, Oro Station	7	32	33	10
18. Sewell, D.	Duntroon	*	*	*	10
19. Snider Drilling	Craighurst	35	21	29	35
20. Van Der Meulen, J.	119 Cumberland St. Barrie	*	*	0	0
21. Ward Well Drilling	314 Killarney Beach Rd., P. O. 124, Lefroy	*	*	10	2
22. Wright, F. & Son	140 - 6th St., Collingwood	56	39	50	41
STORMONT					
1. Bourdon, A.	20 Fennell Cres., Cornwall	25	29	41	25
2. Gauthier, A.	Box 113, Crysler	25	29	24	32
3. Roy & Son Reg'd	303 Water St., Box 1132, Cornwall	28	29	25	20
SUDBURY					
1. Azilda Drilling	56 Marier St., Box 357, Azilda	1	5	0	0
2. Campbell, R.	R. R. #2, Chelmsford	0	0	0	0
3. Castonquay, P. C.	General Delivery, Chelmsford	0	0	0	0
4. Houle, O.	Box 43, Noelville	0	22	27	23
5. Lavellee, C. L.	R. R. #4, Chelmsford	*	4	0	0
6. Lavallee, L. C.	Chelmsford	10	5	6	0
7. Mallette, R.	21 Leo St., Box 407, Azilda	*	*	16	18
8. Markstay Diamond Drlg. Ltd.	Markstay	19	21	27	31
9. Metro Diamond Drlg. Co.	422 King St., Sudbury	*	7	3	5
10. Quenville, A.	Site 2, R. R. #3, Box 40, Sudbury	16	20	15	12
11. Ray's Drilling & Foundation Sounding Co.	Eldon St., R. R. #1, Whitefish	6	4	7	5
12. Sudbury Diamond Drilling	R. R. #2, Chelmsford	33	21	32	32
THUNDER BAY					
1. Boyles Bros. Drlg. Ltd.	142 N. Cumberland St., Box 26, Port Arthur	1	0	5	2
2. Chunick, W.	1346 Euclid Ave., Fort William	*	4	4	5
3. Cooper, A. & Co. Ltd.	212 N. May St., Fort William	0	0	0	0
4. Hacquoil Construction Ltd.	Box 352, Montreal St., Fort William	0	0	*	*
5. Lake Superior Diamond Drlg.	R. R. #3, Port Arthur	43	27	10	13
6. Morrow, L.	Box 87, Geraldton	0	4	3	4
7. New Northwest Drlg. Ltd.	240 High St., Port Arthur	12	23	23	30
8. Stenlund, V.	Hurkett	5	5	4	5
9. Thunder Bay Drilling	2 Pheonix Bldg., Port Arthur	*	*	*	10
10. Thunder Bay Water Supply	R. R. #3, Fort William	*	1	0	0
11. Tucker, D. V.	Box 184, Longlac	0	0	0	*
12. Tucker, J.	Forestry Rd., Longlac	0	1	0	0
TIMISKAMING					
1. Demarell, T. J.	R. R. #2, Charlton	0	0	0	0
2. Lafromboise, R.	Box 71, Earlilton	*	0	0	0
3. McKnight, A.	Mileage 104, Cobalt	*	0	0	0
4. Parcher, E. R. Diamond Drlg.	34 Nickel St., Cobalt	*	2	1	0

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VICTORIA					
1. Baldwin, L.	R. R. #1, Kirkfield	0	0	0	*
2. Baldwin Well Drilling	R. R. #1, Kirkfield	95	95	114	91
3. Buck, P. A.	R. R. #1, Omemee	33	21	0	*
4. Hart, D.	R. R. #3, Fenelon Falls	0	0	0	0
5. Hart, G.	R. R. #3, Fenelon Falls	44	38	34	36
6. Hart, K.	R. R. #1, Fenelon Falls	65	63	63	45
7. Henderson, J. F. Ltd.	103 Elgin St., Lindsay	212	205	196	152
8. Lang, F.	74 Cambridge St. N., Lindsay	*	*	*	0
9. Lang, W.	King St., Omemee	*	*	*	0
10. Richmond, R. I.	R. R. #1, Kirkfield	*	0	*	*
11. Weaver, G.	Coboconk	*	*	9	13
WATERLOO					
1. Advanced Farming Systems	843 Guelph St., Kitchener	*	3	4	*
2. Eddyvean, H. A.	123 Lowther St., Preston	6	8	14	14
3. Hadco Well Digging Ltd.	R. R. #4, Box 759, Elmira	113	130	98	141
4. Hergott, P.	R. R. #1, Bamberg	*	*	0	0
5. Kerr's Well Drilling	133 Asmus St., New Hamburg	28	28	22	19
6. Lone Star Well Digging	176 Strasburg Rd., Kitchener	32	22	37	41
7. McLaughlin Water Wells	236 Erb St. W., Breslau	0	36	36	43
8. Nimmo, T.	97 Ross Ave., Kitchener	*	*	6	0
9. Sauder, J.	Conestogo Rd., St. Jacobs	32	2	8	0
10. Schmear, W.	Conestogo	0	0	0	0
11. Schultz, A.	97 Ross Ave., Kitchener	*	*	*	0
12. Shantz, L. C.	R. R. #3, 715 Frederick, Kitchener	24	8	9	0
13. Straus, F.	St. Clements	0	18	15	11
WELLAND					
1. Schooley, R. L.	R. R. #3, Port Colborne	30	36	28	34
WELLINGTON					
1. Cudney, J. & Son	Washington St., Salem	18	17	25	32
2. Earley, A.	202 Neeve St., Guelph	26	34	32	34
3. Elliott Drilling Co.	R. R. #1, Hillsburgh	*	8	*	*
4. Goll, D. W.	R. R. #3, Harriston	0	0	0	0
5. Graham Well Drilling	19 Kingsley Court, Guelph	64	57	72	81
6. Hill, C.	251 Speedvale Ave. E., Guelph	55	48	45	42
7. Keeso, E. A.	Box 43, Clifford	29	23	26	22
8. Ladco Drlg. & Exploration Co.	R. R. #1, Hillsburgh	54	71	76	52
9. Lang, R. A.	3 Sunnylea Cres., Apt. 4, Guelph	*	0	0	0
10. Sauder & Martin	c/o E. S. Martin, R. R. #3, Wallenstein	*	3	4	8
11. Sprowl, J. C.	137 Renfield St., Guelph	0	0	0	0
12. Water Well Drilling	R. R. #1, Clifford	29	23	16	16
WENTWORTH					
1. Anderson, J. A.	Freelton	13	6	12	21
2. Atkinson, S. J.	239 Rosemary Lane, Ancaster	15	7	6	0
3. Constable, E.	184 - 25th St. E., Hamilton	11	9	11	23
4. Constable, W. C.	Nebo Rd., R. R. #2, Hannon	*	*	0	0
5. Cross Bros.	38 Kennedy Ave., Hamilton	53	82	75	72
6. Crowley & Associates	50 Cayley St., Dundas	*	*	*	7
7. Embleton & Son	R. R. #3, Hamilton	*	*	0	0
8. Gill, S.	55 Alpine Ave., Hamilton	34	29	22	21
9. Ince, F. L.	171 Aldercrest Ave., Hamilton	110	96	93	83
10. O'Connor, B.	40 Union St., Waterdown	8	3	11	11
11. Packham, W.	R. R. #2, Ancaster	*	*	*	108
12. Pegg, E.	R. R. #4, Dundas	0	2	1	0
13. Scriven, W. E.	188 Eleanor Ave., Hannon	16	2	*	*
14. Stenhouse, G.	Freelton	*	*	*	0
15. Wallis, G. J.	Box 5, Group 16, R. R. #2, Stoney Creek	38	37	58	69

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YORK					
1. Accurate Diamond Drilling	30 Buckland Rd., Downsview	*	*	*	12
2. Becker Drilling (Alberta)Ltd.	123 Eglinton Ave. E., Toronto	*	0	1	0
3. Bingham, J.	Stouffville	0	0	0	0
4. Boadway, R. F.	Sutton West	58	58	65	77
5. Challoner, R. F.	45 Johnston Ave., Thornhill	*	*	1	0
6. Constable, F.	R. R. #2, Woodbridge	22	26	15	24
7. Constable, K.	R. R. #2, Woodbridge	*	0	0	0
8. Diceman, J.	Sharon	0	0	0	0
9. Downing, J. O.	57 Bridgenorth Cres., Rexdale	0	0	0	*
10. Findlay, B. H.	11 Kenneth Ave., Apt. 8, Willowdale	2	3	0	0
11. Fockler, G.	Box 63, Ringwood	18	16	14	24
12. Gartshore, W. F.	Sharon	18	18	21	22
13. Gormley Well Drilling	19 Muirhead Cres., R. R. #1, Richmond Hill	30	25	26	29
14. Huffman, B. & Sons	2678 Lakeshore Blvd. W., Mimico	9	15	10	6
15. Keswick Well Drilling Co.	Elmhurst Beach, Keswick	17	17	18	11
16. King City Well Drlg. Co. Ltd.	Box 192, King City	37	37	45	40
17. Kitching, F. F. & Son	Box 20, Holland Landing	70	60	75	8
18. Loughheed, D. S. Drlg. Co.	997 Srigley St., Newmarket	47	62	52	48
19. McCauley Water Wells	31 Machell Ave., Aurora	12	21	25	23
20. McKnight, A.	63 Nipigon Ave., Willowdale	0	*	*	1
21. Northern Well Digging	15 Mary St., Aurora	20	17	26	27
22. Ontario Well Drilling Co.	Newmarket	61	*	69	59
23. Provincial Drilling	387 Lynett Cres., Richmond Hill	8	11	9	6
24. Renwick, J. W.	R. R. #2, Gormley	*	*	*	6
25. Rutledge Water Wells Ltd.	Box 198, Nobleton	30	27	26	30
26. Sewell, D. M.	149 Pleasantview, Newmarket	*	21	34	0
27. Van Den Boom	Nobleton	14	42	44	46
28. Walke, J.	30 Berezy St., Aurora	0	0	0	0
29. White, T.	R. R. #2, Stouffville	13	12	14	10
30. Wilson Well Drilling	R. R. #2, Gormley	109	126	157	152

\* Not licensed

APPENDIX B  
TABLE 1  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1964  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water						Use							
		Overburden	Bedrock	Not indicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not indicated	Dry Hole	Dom. or Stock	Public Supply	Commercial	Industrial	Irrigation	Test Hole	Not indicated	Not Used
Brant	136	77	50	5	4	116		9	1	6	4	91	6		1	2	30	2	4
Brant	165	6	161			162		4	1			152	12		1				
Dufferin	73	14	57		2	71					2	64	5	1				1	2
Elgin	114	90	13		11	130	1	2		1	7	90	3	1			2	2	16
Essex	140	37	99	1	3	105		30	1	1	3	121	4	1	1	4			9
Grey	224	31	191		2	220	3	1				205	10	2			1		3
Haldimand	80	6	74			64		15	1			78	2						
Huron	155	25	129		1	152		1		1	1	141	5	5	1				3
Kent	308	168	41	3	96	192	12	2		6	96	181	7	2	3			2	113
Lambton	257	126	34	5	92	150	1	7		7	92	141	3	2			5	4	102
Lincoln	115	34	76	3	2	102	4	4		3	2	92	1	6		1	10	1	4
Manitoulin Is.	35	1	33		1	31	1	2			1	28	5						2
Middlesex	328	229	57	11	31	254	1	16	1	25	31	245	7	5	2	1	30	3	35
Norfolk	144	117	21		6	130		7		1	6	124	3	2	3	5			7
Oxford	227	129	93	5		217		5	1	4		207	6	3		1	8		2
Perth	157	32	123	1	1	153		2		1	1	143	7	3	1	1			2
Waterloo	246	188	50	7	1	223			3	18	1	201	7	8	4		24		2
Welland	79	5	70	4		59		13		7		62	5		1	1			3
Wellington	248	28	219		1	243		4			1	225	9	8	2	3			1
Wentworth	287	52	233		2	268		17			2	266	9	4	2	1			5
Total	3520	1395	1824	45	256	3015	23	142	9	81	250	2857	116	55	25	20	117	15	315

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TABLE 2  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1965  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water						Use							
		Overburden	Bedrock	Not indicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not indicated	Dry Hole	Dom. or Stock	Public Supply	Commercial	Industrial	Irrigation	Test Hole	Not indicated	Not Used
Brant	96	56	38		2	87		7			2	82	5			1	4	1	3
Bruce	130	5	124		1	128		1			1	120	9						1
Dufferin	112	22	89		1	111					1	104	5	1			1		1
Elgin	87	78	2		7	78		2		1	6	72	4	2	1		1		7
Essex	136	32	100		4	93		36	1		3	107	4	2	4	3	4		12
Grey	182	33	148		1	177		3	1	3	1	172	2	3	1	1			3
Haldimand	62	6	48		6	43		4	1		7	50		1					8
Huron	108	8	100			106		2				94	9	5					
Kent	243	138	39	2	64	163	8	2	1	5	64	146	8	4			2	1	82
Lambton	192	120	29		43	128	5	16		1	42	123	12	2			2	1	52
Lincoln	97	30	66	1		88	3	4	2			88	1		1	5		1	1
Manitoulin Is.	30	1	28	1		27						25	4						1
Middlesex	233	178	38		17	198		17		1	17	189	8		3			1	24
Norfolk	110	80	29		1	97		9		3	1	86	5	2	3	3	8		3
Oxford	136	71	62		3	127	1	5			3	118	4	6	2	1	1		4
Perth	86	11	72	3		79		3		4		72	8		1		4		1
Waterloo	217	141	50	25	1	183		1	1	31	1	126	11	6	3	1	63	3	4
Welland	72	9	60	3		57		12		3		62	2	1	2	2	3		
Wellington	234	41	191		2	231		1			2	218	6	4	2	2			2
Wentworth	346	74	269		3	324		18		1	3	328	6	5	1	2			4
Total	2907	1134	1582	35	156	2525	17	150	7	52	154	2382	113	52	25	21	93	8	213



APPENDIX B  
TABLE 3  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1966  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water						Use							
		Over-burden	Bedrock	Not in-dicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in-dicated	Dry Hole	Dom. or Stock	Public Supply	Commer-cial	Indus-trial	Irrig-ation	Test Hole	Not in-dicated	Not Used
Brant	87	57	24	5	1	68		10	1	7	1	70		1	1		14		1
Bruce	151	14	136		1	148		2			1	142	5	1	2				1
Dufferin	80	23	55	2	2	78					2	73	5						2
Elgin	90	75	9		6	81		1		4	4	75	3		3		3	2	6
Essex	135	33	99		3	81		51			3	117	1	1		4	4		7
Grey	199	27	168		4	181	3	6		5	4	173	8	5	2			5	6
Haldimand	72	8	63		1	61		9	1		1	65	2	2	1			1	1
Huron	102	12	88		2	94				2	2	90	8				2		2
Kent	251	143	28	3	77	168	2			4	77	142	6	3			13	2	85
Lambton	167	112	17	1	37	111		18		1	37	110	3	2	1			1	50
Lincoln	105	33	71		1	91	6	7				95		4	1	3			2
Manitoulin Is.	39		32	1	46	32			1		6	30	1	1					7
Middlesex	248	185	22		41	195		12			41	191	9	3	1			1	43
Norfolk	120	94	22		4	103		10		3	4	92	3	1	1	9	5	1	8
Oxford	150	87	62	1		142		2		6		124	5	2	1	2	15		1
Perth	69	15	51	1	2	65		2			2	57	6	2	1		1		2
Waterloo	214	150	44	20		187		1	1	25		159	11	5	3		33	3	
Welland	70	15	54		1	61		8			1	63	2	3	1				1
Wellington	252	36	214	2		246		3		1		215	15	7			15		
Wentworth	330	55	268		7	302		21			7	312	4	5	2				7
Total	2931	1174	1527	34	196	2497	11	167	4	58	194	2393	97	48	22	18	105	16	232

TABLE 4  
SUMMARY OF WATER-WELL DRILLING DATA FOR 1967  
SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation				Type of Water						Use							
		Over-burden	Bedrock	Not in-dicated	Dry Hole	Fresh	Salt	Sulphur	Mineral	Not in-dicated	Dry Hole	Dom. or Stock	Public Supply	Commer-cial	Indus-trial	Irrig-ation	Test Hole	Not in-dicated	Not Used
Brant	117	76	39		2	105		10			2	102	8	1	1				4
Bruce	148	4	139	1	4	133		8	2	1	4	123	15	5			3		2
Dufferin	94	23	68		3	91					3	83	7	1					3
Elgin	103	44	2		7	91		3		2	7	89	2			1	2		8
Essex	131	23	107		1	92		38			1	112	6	4	2	3			4
Grey	209	36	167		6	194	1	5	3		6	179	9	4	3	1	5		8
Haldimand	76	9	65		1	83		12	1	1	1	70	2	1		3			1
Huron	108	9	98		1	105					1	102	3	2					1
Kent	229	115	54		60	164	1	3	1	1	59	126	6	4	1		2	2	88
Lambton	180	99	26	1	54	118		7		1	54	118	2				2		58
Lincoln	112	19	92		1	107	1	1	1	1	1	105	1	2		2			2
Manitoulin Is.	18	1	13	1	3	10	3	2			3	9	2				2		5
Middlesex	288	243	29	1	15	256	1	12	1	2	16	234			2		28	2	22
Norfolk	162	130	26		6	135		16	2	3	6	119	2	2	1	22	1	3	12
Oxford	138	59	75	2	2	126		5		4	3	109	6		3	3	14		3
Perth	71	14	57			71						65	2	2			2		
Waterloo	198	155	37	5	1	185		2		10	1	155	10	1	1		29	1	1
Welland	69	15	54			57		11	1			61	3	3			1		1
Wellington	250	31	218		1	245		4			1	232	10	3			3		2
Wentworth	350	62	278	8	2	315		21	4	8	2	314	15	4	2	1	11	1	2
Total	3053	1217	1647	19	170	2663	7	162	16	34	171	2507	111	39	16	37	102	14	227

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY Brantford, City of	Brantford City	E.Stewart	July 7, 1964	5	3	50	12	Fresh	T	Yellow loam sand hard heads 10; blue clay sand 30; sand 40; hard grey sand stone 55. Water at 40.
	"	"	July 9, 1964	5	5		16	"	T	Yellow loam hard heads sand 15; blue clay sand 35; grey sand clay 45; sand gravel mixture 54; fine sand grey hard limestone 61. Water at 46 and 56.
	"	"	July 9, 1964	5	3	20	15	"	T	Yellow loam sand 15; blue clay sand 30; blue clay sand gravel 45. Water from 20 to 25.
	"	"	July 10, 1964	5	5	40	24	"	T	Brown sand loam 25; brown sand grey clay 45; blue clay 50; grey real hard limestone 55. Water at 53.
	"	"	July 10, 1964	5				"	T	Black muck 5; sand yellow loam 72. Water from 45 to 55.
	"	"	July 14, 1964	5	10	36	6½	"	T	Yellow loam sand 15; blue clay sand 75; sand gravel gypsum mixture 80; limestone 83.
	"	"	July 14, 1964	5	5	60	10	Fresh	T	Loam 5; gravel 20; gravel quicksand 20; gravel quicksand 30; quicksand 40; blue clay sand 55; gravel clay 65; limestone 70. Water at 57.
	"	"	July 15, 1964	5				"	T	Yellow loam sand 20; blue muck sand 25; sand 35; blue muck sand 45; hard limestone 50.
	"	"	July 17, 1964	5	½	40	12	Fresh	T	Yellow loam 5; sand loam 20; blue clay 30; sand gravel 50. Water at 47.
	"	"	July 18, 1964	5		40	14	"	T	Yellow loam sand 15; blue clay sand 30; blue clay 55; blue clay sand gravel 60; gravel 65; gravel limestone 70. Water at 60.
	"	"	July 20, 1964	5	<½	245	75	"	T	Yellow loam 10; blue clay sand 40; blue clay 240; blue clay sand gravel 245; limestone 250.
	"	"	July 21, 1964	5	10	40	20	Fresh	T	Yellow loam sand 25; blue clay sand 30; blue clay 55; blue clay limestone 60. Water at 50.
	"	"	July 22, 1964	5	1	29	20	"	T	Yellow loam 10; blue clay 25; blue clay gravel 30; limestone 34. Water at 27.
	"	"	July 23, 1964	5	5	30	20	"	T	Yellow loam sand 25; blue clay sand 50; blue clay sand gravel 60; limestone 70. Water at 50.
	"	"	July 23, 1964	5				"	T	Yellow loam sand 15; blue clay 60; limestone 65.
	"	"	July 24, 1964	5	10	35	25	Cloudy	T	Yellow loam sand 35; blue clay gravel 45; limestone 47. Water at 42.
	"	"	July 24, 1964	5	10	35	25	Fresh	T	Yellow loam sand 25; blue clay 35; blue clay gravel 50; limestone 55. Water from 49 to 55.
	"	"	July 27, 1964	5	15	47	27	"	T	Loam sand 15; blue clay sand 25; blue clay 40; blue clay sand 50; Water from 55 to 60.
	"	"	July 27, 1964	5	15	37	13	"	T	Gravel 60; gravel sand rock 90. Water at 84.
	"	"	July 28, 1964	5	10	30	30	"	T	Yellow loam sand 15; blue clay sand 20; blue clay 45; blue clay sand 55; yellow loam sand 65; sand gravel 85. Water from 70 to 75 and from 80 to 85.
	"	"	July 29, 1964	5				"	T	Loam sand 15; blue clay 60; limestone 67. Dry hole.
	"	"	Dec. 8, 1964	5	2	160	55	Fresh	D	Dug well 20; blue clay 120; hard limestone 160. Water at 160.
	A. Sowa	H. Johnson	July 1, 1965	36	10	35	30	"	D	Brown clay 12; blue clay silt 53; coarse sand 55. Water at 55.
	Harding Carpet	J. Crowley & Ass.	July 16, 1965	8	145	29	18	"	W	Fill 3; clean outwash sand gravel 17; dirty silty sand 28; hard limestone 103. Water at 45, 55, 65, 85, and 100.
	Bell City Poultry Ltd.	Hadco Digging Ltd.	Sep. 4, 1965	30	1	11	9	"	S	Cobblestone gravel 15; grey blue marl 24; grey clay 25. Water from 11 to 15.

BRANT COUNTY -cont.  
Brantford Twp.

BT	lot 48	W. Roloson	H. Johnson	Feb. 12, 1965	30	4	20	15	Fresh	D	Fill sand stone asphalt 6; brown hard clay 15; blue hard clay 26; silt 31. Water at 10.
Con I	" 1	R. Coombs	"	Nov. 11, 1967	36	6	60	59	"	D, S	Gravel stone 14; clay stone 88. Water at 88.
Con I	" 1	"	"	Aug. 20, 1966	36	5	20	12	"	D, S	Black loam 1; stone gravel 14; fine sand 20; hard blue clay 55; clay silt layers 60; clay fine gravel sand 65. Water at 55.
Con I	" 1	J. Bee	"	Apr. 14, 1966	36			6	"	D	Sand 4; sand gravel stone 14. Water at 6.
Con I	" 1	G. Hunter	Hadco Well Digging Ltd.	Oct. 12, 1966	30	5	29	19	"	D	Topsoil 2; brown sandy clay 5; sand gravel 20; red sand 25; blue clay 30. Water at 19.
Con I	" 3	W. Stevenson	J. Stefan	Apr. 20, 1966	4	5	70	52	Sulphur	D	Coarse gravel 28; hard brown clay 98; blue shale 100. Water at 100.
Con I	" 10	J. Bragg	I. Davis	July 10, 1965	6 1/2	1	76 1/2	30	"	D	Blue clay 75; hard blue rock 76 1/2. Water at 75.
Con I	" 15	Brantford Twp.	International Water Supply F. Ince	Feb. 17, 1965	10	75	15	12	Fresh	T	Fill 2; clay gravel boulders 20; shale 30. Water at 25.
Con I	" 16	D. McMillan	"	Sep. 6, 1965	6 1/2	8	150	128	"	1-65	Brown stony clay 60; hardpan 157; gravel 158. Water at 158.
Con I	" 17	Brantford Twp	"	"	"	"	"	"	"	D	Topsoil 1; dirty gravel boulders 90; brown clay 126; dirty gravel 127; limestone 206.
Con I	" 17	R. Boyd	Hadco Well Drilling & Digging	Aug. 8, 1967	30				"	2-65	Topsoil 1; brown clay 13; brown sand gravel 50. Dry hole.
Con I	" 17	"	"	Oct. 3, 1967	5	4	135	100	Fresh	D	Brown clay rocks 35; fine gravel sand 50; gravel 80; hardpan 95; grey clay 137; sand gravel 145. Water at 139.
Con I	" 17	G. Hayden	"	Sep. 31, 1967	5	3	100	60	"	D	Brown clay rocks 20; fine gravel rocks 50; gravel 80; blue clay 88; sand 100; blue sand 102; blue sand 107; blue clay. Water at 103.
Con I	" 18	E. Harris	Warren Water Wells	July 6, 1965	5	5	80	66	"	D	Clay boulders 15; gravel 78; sand 83; gravel 86. Water at 83 and 86.
Con I	" 19	L. Vannieuwen-Huizen	R. Dennis	Aug. 14, 1967	5	3	54	35	"	D	Hardpan gravel 40; coarse sand 55. Water from 40 to 55.
Con I	" 19	D. Taylor	"	Sep. 15, 1967	5	3	48	35	"	D	Hardpan gravel 36; coarse sand 51. Water at 47.
Con I	" 21	D. MacMillan	F. Ince	Oct. 19, 1965	6 1/2	20	180	134	"	D	Brown clay 20; gravel 70; hardpan 134; shale 180. Water at 170
Con I	" 21	M. Crozier	Hadco Well Digging Ltd.	Sep. 16, 1966	30	3	38	32	"	D, S	Topsoil 2; brown clay 6; sand gravel 40. Water at 32.
Con I	" 24	J. Galida	W. Packham	Dec. 17, 1964	6 1/2	20	80	70	Fresh	S	Clay 124; dark grey bed rock 135. Water at 133.
Con I	" 25	K. Miller	Warren Water Wells	Mar. 20, 1964	5	5	95	35	Sulphur	D	Topsoil 3; yellow clay 25; grey clay 96; bedrock 105. Water at 105.
Con I	" 25	"	H. Johnson	Aug. 29, 1964	36	4	36	30	Fresh	D	Brown sand 12; grey silt clay 52. Water from 30 to 52.
Con I	" 33	R. Osborne	"	June 15, 1965	36	5	30	25	"	D	Brown clay 15; blue clay silt layers 25; silt layer 35; heavy blue clay 40. Water at 25.
Con I	" 37	P. Watson	"	July 20, 1964	36	3	32	40	"	D	Brown clay 10; grey clay 40; silt 50; clay 55. Water at 40.
Con I	" 37	H. Johnson	"	June 8, 1966	36	10	35	30	"	D	Brown clay 14; blue clay 30; blue clay silt layers 57; light blue clay silty sand 67. Water at 30, from 45 to 57 and at 67.
Con I	" 39	J. Mineroski	E. Stewart	Mar. 13, 1964	5				"	"	Clay loam 6; blue clay 82. Dry hole.
Con I	" 39	J. Pate	W. Packham	May 12, 1965	6 1/2	30	50	45	Fresh	S	Clay 126; limestone 133. Water at 129.
Con I	" 40	K. Williams	H. Johnson	Aug. 26, 1965	36	2	45	40	"	D	Brown clay 25; blue clay 40; clay silt layers 72. Water at 40.
Con I	" 41	D. Cameron	I. Davis	May 25, 1966	6 1/2	40	50	35	"	D	Hard brown clay 103; grey rock 106. Water at 103.
Con I	" 43	B. Lupton	W. Packham	Oct. 29, 1964	6 1/2	8	140	60	"	D	Clay 127; bedrock 150. Water at 128.
Con I	" 45	A. Hunt	"	Oct. 12, 1966	6 1/2	4	140	60	"	D, S	Clay 137; bedrock 159. Water at 156.
Con I	" 48	R. Blair	F. Ince	Aug. 31, 1964	6 1/2	1 1/2	164	70	"	D	Brown sandy clay 15; blue clay 147; limestone 164. Water at 162.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. Brantford Twp. - cont.										
Con I lot 48	E.Wensyeen	H.Johnson	Aug.21,1965	36	5	20	15	Fresh	D	Brown clay 10;sand 15;blue clay 18;sand 25;blue clay 35. Water from 18 to 25.
Con I " 48	L.Stomp	"	Jan.20,1966	36	5	24	17	"	D	Brown clay 6;sand 13;blue clay 17;sand 23;blue clay 40. Water at 17.
Con I " 48	V.Atkins	Hadco Well Drilling & Digging Ltd	Dec. 7,1967	30	4	56	30	"	D	Topsoil 1;brown clay 14;blue clay 30;blue sand 40;blue clay 60. Water at 30.
Con II " 2	G.Whiting	Warren Water Wells	Feb.13,1964	5	10	65	60	"	D,S	Stones gravel 24;grey clay 114;boulders 117;coarse sand 121. Water at 121.
Con II " 6	G.Avlsebrook	H.Johnson	Aug.17,1966	36	4	42	40	"	D	Black loam 1;coarse sand gravel 15;coarse sand 40. Water at 40.
Con II " 7	J.Silva	Warren Water Wells	Sep.27,1966	5	5	153	143	"	D	Sand 46;clay stones 151;gravel 155;gravel 157;clay. Water at 157.
Con II " 9	I.Pottruff	"	Feb.11,1966	5	6	88	85	"	D,S	Clay stones 6;pit gravel 18;sand 85;gravel clay 98;coarse sand 103;clay. Water at 103.
Con II " 19	J.Gazik	W.Packham	July 7,1965	6 1/2	20	65	50	"	D	Stony clay 48;muddy brown sand 80;fine blue sand 85;coarser blue sand 93. Water from 85 to 93.
Con II " 25	H.Walsworth	F.Ince	June16,1965	6 1/2	10	35	25	"	D	Brown clay 10;blue sandy clay 72;sand 77. Water at 77.
Con II " 25	E.Rivett	"	July 9,1965	6 1/2	12	68	40	"	D	Brown clay 15;blue clay 75;sand 82. Water at 82.
Con II " 42	F.Karek	Hadco Well Digging Ltd.	Nov.17,1966	30	3	78	68	"	D	Topsoil 1;brown clay 14;blue sandy clay 70;blue sand 80. Water at 70.
Con II " 44	J.Ross	H.Johnson	Aug. 7,1964	36	3	36	30	"	D	Brown clay 10;gray clay 30;silt 48;clay 52;clay silt layers 62. Water at 30.
Con II " 44	S.Mandzuk	"	Sep. 4,1964	36	4	27	24	"	D	Brown clay 10;grey clay silt 30. Water from 24 to 30.
Con II " 44	T.Maslach	"	May13, 1967	36	2 1/2	15	15	"	D	Brown clay hard 15;blue clay silt layers 77. Water at 15.
Con II " 45	J.Thompson	J.Stefan	Oct. 3,1967	4	4	70	33	"	D	Soft sandy clay 134;light grey rock 136. Water at 136.
Con II " 51	J.Renten	H.Johnson	June19,1964	36	5	24	20	"	D	Brown clay 8;grey clay silt layers 50. Water at 20.
Con II " 55	S.Woods	"	June12,1965	36	5	23	15	"	D	Brown clay 12;blue clay 15;silt 19;clay silt 40;silt soft clay 48. Water from 15 to 19.
Con II " 55	W.McClelland	"	July 3,1967	36	10	18	6	"	D	Sandy loam 6;coarse sand 10;blue clay 21. Water at 6.
Con III " A	W.Handschumaker	"	May 6, 1967	36	2		10	"	D	Brown hard clay 10;blue clay silt layers 42. Water at 15.
Con III " 3	H.Brooks	Warren Water Wells	June15,1964	5	4	173	130	"	D,S	Sand boulders 8;yellow sand 54;soft clay putty sand 85;gravel 86;soft grey clay 152;pit gravel 163;blue shale 173. Water at 54 and 173.
Con III " 5	E.Campbell	F.Ince	Sep.23,1964	6 1/2	20	45	35	Sulphur	D,S	Brown clay 10;blue clay 117;shale 126;limestone 127. Water at 126.
Con III " 6	E.Grikinis & G.Lehman	J.Stefan	Apr.24,1964	4	2 1/2	140	73	Fresh	D	Dug well 53;soft silty sand 108;hard gravelly clay 141;grey rock 189. Water at 145.
Con III " 7	J.Pich	"	Apr. 4,1964	4	5	85	62	"	D	Fine clean gravel 38;sandy clay 45;fine silty sand 110;hard clay 135;shale 140. Water at 140.
Con III " 7	H.Adams	"	June 2,1966	4	5	145	130	"	D	Hard stony clay 9;soft silty sand 22;fine dirty gravel 65; fine silty sand 90;soft sandy clay 114;hard stony clay 126; blue clay 169;green shale 172. Water at 170.
Con III " 8	R.MacDonald	"	July14,1964	4	5	90	75	"	D	Fine silty gravel 38;soft blue clay 60;hard stony clay 98; blue clay 112;bluish rock 117. Water at 116.
Con III " 11	Brantford Twp. School Area 1.	S.Gill	Jan.12,1965	8	50	50	30	"	P	Topsoil 1;layers fine sand coarse sand gravel 58;hardpan gravel 59;fine sand 69;coarse gravel 70;coarse sand fine gravel 71;fine sand fine gravel 79;fine sand 80;blue clay bedrock 115. Water from 59 to 69 and from 69 to 79.

BRANT COUNTY - cont.														
Con	III	Twp.	lot	14	P.Weber	J.Stefan	July19,1965	4	5	114	114	Fresh	D	Previously drilled 70;soft silty sand 90;soft sandy clay 98; hard stony clay 125;bluish rock 128. Water at 128.
Con	III	"	14	Hidden Springs Rehab Centre	"	"	May 24,1967	4	4	94	94	"	D	Coarse gravel 22;fine gravel 30;fine silty sand 83;blue clay 90;green rock 106. Water at 106.
Con	III	"	14	"	"	"	May29, 1967	4	4	98	98	"	D	Coarse gravel 26;fine gravel 32;fine silty sand 76;blue clay 84;grey shale 92;green rock 110. Water at 110.
Con	III	"	14	"	"	"	July 4,1967	4	5	90	90	"	D	Medium coarse gravel 22;silty sand 86;blue clay 103;green rock 104. Water at 104.
Con	III	"	15	"	"	"	June27,1967	4	5	114	114	"	D	Medium coarse gravel 44;soft silty sand 98;blue clay 125; green rock 128. Water at 128.
Con	III	"	18	K.McBride	W.Packham	"	June 4,1964	6½	20	65	60	"	D	Sandy loam 30;sand gravel 65;sand gravel 88. Water from 65 to 88.
Con	III	"	18	J.Masters	"	"	Oct. 6,1965	6½				"	D	Topsoil 3;gravel 30;sand 45;grey clay hardpan 102;soft black limestone 150. Dry hole.
Con	III	"	43	L.Kelly	H.Johnson	"	Aug. 6,1966	36	3	27	24	Fresh	D	Black loam 1;brown clay 11;blue clay 20;blue clay silt layers 44. Water at 20.
Con	III	"	44	P.Drong	"	"	Sep.26,1964	36	3	30	20	"	D	Brown clay 10;blue clay sand layers 49;clay fine sand layers 80. Water at 20.
Con	III	"	44	"	"	"	Oct.18,1965	24	2	27	20	"	D	Blue clay silt 60. Water at 20.
Con	III	"	48	R.Jury	"	"	July10,1965	36	4	25	15	"	D	Black topsoil 1;brown clay loam 12;blue clay fine sand 30; fine red sand 35;blue hard clay 37. Water from 30 to 35.
Con	III	"	48	T.Silverthorne	"	"	Jan. 7,1967	36	1		34	"	D	Brown clay 10;blue clay silt 49. Water at 34.
Con	III	"	A	M. Lorenz	"	"	July 8,1966	36	4	21	18	"	D	Black loam 1;brown clay 11;blue clay silt layers 41. Water at 20.
Con	IV	"	6	P.Wells	E.Stewart & Son	"	June26,1965	5	10		23	"	D	Loam 15;loam sand 25;fine sand 40;quicksand 80;blue clay 110;clay sand 124;caving coarse fine sand 128. Water at 125.
Con	IV	"	10	M.Woodhatch	H.Johnson	"	Oct.23,1964	36	5	14	12	"	D	Brown sand gravel 3;grey clay sand layers 26;gravel 27. Water at 27.
Con	IV	"	10	J.Cleaver	J.Stefan	"	Sep.23,1965	4	3	120	71	"	D,S	Sand 20;coarse dirty gravel 36;fine gravel 50;soft silty sand 74;hard stony clay 92;silty sand 120;blue clay 127; greyish rock 139. Water at 135.
Con	IV	"	10	A.C.Buchner	"	"	Oct.20,1965	4	3	55	30	"	D	Brown sand 7;fine gravel 26;silty sand 69;fine sand 74. Water at 69.
Con	IV	"	15	Brantford Twp.	International Water Supply Ltd.	"	July28,1966	2				"	T	Gravel 1;sand clay 5;sand gravel 40;fine sand dirty clay 65; gravel sand boulders 68;fine sand 89;sand fine gravel 97; gravel boulders sand 99;fine sand odd gravel streak 139;grey clay 168;blue shale 170. Water at 52.
Con	IV	"	15	"	"	"	Aug. 3,1966	4	75	69½	51	Fresh	T	Sand 62;boulders 63;sand clay streaks 84;sand 94;fine sand 104;sand 132;sandy grey clay gravel streak 173;broken shale clay 179;limestone. Water at 51.
Con	IV	"	15	"	"	"	Mar. 6,1967	10	400	63	55	"	P	Sandy loam 3;sand clay streaks 46;fine medium sand 67;coarse gravel boulders sand 78;fine sand 86;gravel sand boulders 113;silt fine sand clay 115. Water from 67to 115.
Con	IV	"	16	"	"	"	Aug.11,1966	2			52	"	T	Dirty sand 3;sand fine gravel 37;brown clay sand 53;gravel boulders sand 80;gravel sand 91;boulders gravel sand 101; sandy grey clay 124;grey clay sandy streaks 135;sand fine gravel clay 144;grey clay gravel streaks 184;bedrock. Water at 52.

\* See end of Appendix C for the meanings of abbreviations and symbols.

**APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967**

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. Brantford Twp. - cont. Con IV lot 16		Brantford Twp.	International Water Supply Ltd.	Aug.10,1966	4	60	61	52	Fresh	T	Sand streaks clay 46;sand 66;gravel sand boulders 75;sand 87; sand gravel boulders 112;sandy grey clay 145;grey clay 155; boulders broken gravel sand clay 165;grey clay gravel packed limestone 172. Water at 52.
Con V	" 3	B.Donald	J.Stefan	Jan. 7,1965	4	5	68	66	"	D	Dug well 64;silty sand 75;medium sand 80. Water at 75.
Con V	" 3	W.Ritchie	E.Stewart	Aug.31,1965	5	3	245	60	"	D	Bricked well 38;blue clay 78;blue clay gravel 82;blue clay 87;quicksand 105;yellow clay 146;blue clay 159;blue clay gravel 161;grey shale gypsum 245. Water at 159.
Con V	" 3	R.Moore	J.Stefan	Aug.23,1966	4	5	47	47	"	D	Coarse gravel 22;soft sandy clay 32;dirty sand 61;medium sand 64. Water at 61.
Con V	" 14	J.Lenis	H.Johnson	Feb.27,1964	36	5	26	24	"	D	Fine brown sand 14;coarse sand 18;fine sand 23;coarse sand 27;medium fine sand shale 40. Water at 24.
Con VI	" 1	J.Cleaver	E.Mitchell	Oct.12,1967	4	10	37	32	"	D	Grey clay 20;gravel sand 51. Water from 45 to 51.
Farley Tract	lot 6	E. Pappel	H. Johnson	May 5,1965	36	5	9	7	Fresh	D	Brown sandy clay 7;coarse brown sand 11;brown hard clay 12; soft blue clay 25. Water at 7.
FT	" 27	G. Wale	D. Thompson Drlg.	Apr. 17,1964	5	1		75	"	D	Yellow clay 12;blue clay 63;light brown sand 75;blue clay sand 107;grey limestone 143. Water from 112 to 115.
FT	" 27	E. Turles	H. Johnson	Nov. 6,1964	36	5	23	21	"	D	Hard brown clay 12;blue clay silt 28;blue clay 34;sand 35; clay 40. Water at 34.
FT	" 27	D. Peage	"	May 20,1967	36	3		20	"	D	Brown hard clay 12;blue heavy clay 22;silt 28;hard clay silt 51. Water at 20 and 28.
Hamilton Road	North lot D	J. Nimeroski	H. Johnson	July 10,1964	36	5	25	20	"	D	Brown clay 10;blue clay 15;silt 25;blue clay 40;silt 45;blue clay 50;silt 60;clay silt 69;clay bedrock 79. Water at 15.
HRN	" D	R. Durand	R. Dennis	Nov. 18,1967	5	2	89	20	"	D	Brown clay 10;grey clay 76;gravel clay 77. Water at 77.
HRN	" H	J. Evans	F. Ince	Sept. 2,1965	6 1/2	200	45		"	D,S	Brown clay 15;blue clay 127;limestone 200. Water at 187.
HRN Range I	" 10	W. Madden	F. Ince	July 13,1964	6 1/2	6	90	50	"	D,S	Brown clay 10;blue clay 96;limestone 105. Water at 105.
Indian Line Survey	lot 36	J. Jeles	Hadco Well Drlg. & Digging Co.	Aug. 23,1967	30	2	58	40	Fresh	D	Topsoil 1;hardbrown clay 12;blue clay 13;brown hardpan 23; blue grey clay 37;blue sand 53;blue clay 60. Water at 37.
Kerr Tract	" 1	Presbyterian Church	J.Stefan	June 30,1964	4	5	80	68	"	P	Coarse gravel boulders 16;coarse silty sand 74;fine silty sand 94;soft sandy clay 145;medium sand 150. Water at 145.
KT	" 1	S.Simon	"	Sep.30,1965	4	4	48	23	"	D	Soft sand 118;blue clay 120;dark limestone 122. Water at 122.
KT	" 1	J.Sipocz	"	Oct.13,1965	4	4	50	15	Sulphur	D	Soft sand 111;blue clay 113;dark rock 115. Water at 115.
KT	" 1	"	H.Johnson	Feb. 2,1966	36	10	26	17	Fresh	D	Brown sand 19;grey silt 22;sand silt clay 26;medium coarse sand 32. Water from 17 to 32.
KT	" 1	Dr.Berman	Bealton Well Digging & Const.	Nov. 1,1965	36	4		30	"	D	Hard packed sand 30;soft silty sand 35. Water from 30 to 35.
KT	" 1	P.Hendershot	"	Sep.12,1967	36			30	"	D	Hard packed sand 30;soft silt sand 45 1/2. Water at 30.
KT	" 1	R. Poirier	H.Johnson	Nov.18,1967	36	3	6		"	D	Fine gravel 6;sand clay stone 14 1/2. Water at 6.
KT	" 2	W.Young	J. Stefan	May 4, 1964	4	5	56	55	"	D	Yellow sand 18;grey sand clay streaks 58;medium sand 64. Water at 58.
KT	" 2	G.Aslin	Hadco Well Digging Ltd.	Sep. 3,1965	30	2		14	"	D	Brown sandy loam 2;brown sand 10;grey blue marl 13;brown marl 20;grey blue marl 26;grey sand 30. Water at 13.
KT	" 2	BrantfordTwp.	International Water Supply Ltd	Aug.22,1966	2			15	"	T	Dirty sand 3;sand 13;sand fine sand 16;fine gravel sand 50; fine gravel sand boulders 72;red grey clay sandy streaks 86. Water at 15 and 72.
KT	" 2	"	"	Aug.23,1966	4	108	19	15	"	T	Dirty sand 3;sand 14;clay 17;sand fine gravel 48;fine gravel sand boulders 69;grey clay fine sand streaked 78;grey red clay gravel streaked 110;grey clay 118.

BRANT COUNTY - cont.  
Brantford Twp.-cont.  
Kerr Tract lot 2

		2	Brantford Twp	International Water Supply Ltd.	Aug.23,1966	2			15		T	Dirty sand 7;brown clay 21;fine sand sand 38;gravel sand 39; sand gravel 53;gravel sand streaked 72;soft grey red clay sandy streaks 106;gravel sand boulders clay 107;grey red clay sandy streaks 168;grey red clay gravel streaked 177; bedrock.
KT	"	2	K.McCombs	H.Johnson	Jan.19,1967	36	4		4	Fresh	D	Brown sand 24. Water at 4.
KT	"	1	J.Gillies	J.Stefan	July30,1964	4	5	11	4	"	D	Yellow silt 15;grey silty sand clay streaks 85;medium sand 93. Water at 85.
KT	"	3	S.Schira	E.Stewart	Feb. 5,1964	5						Yellow loam hard heads 35;blue clay sand mixture 55;blue clay 80;fine sand silt 105. Dry hole.
KT	"	3	"	"	Feb.10,1964	5	1 1/2		72	Fresh	D	Yellow loam hard heads 25;blue clay gravel 65;blue clay 70; fine sand 90. Water from 80 to 90.
KT	"	3	H.Millar	W.Packham	Oct.3,1964	6 1/2	12	67	65	"	D	Stony clay 30;clay sand gravel 70;sand 100. Water from 90 to 100.
KT	"	5	D.Kellam	T.VanKessel	Apr. 3,1964	2	10	18	18	"	D,S	Medium sand 18;clay 19;fine sand 26. Water at 18.
Lefferty Tract			J.Campbell	P.Ince	Dec.15,1964	6 1/2	6	130	60	"	D,S	Brown clay 15;blue clay 122;shale 144;rock 146. Water at 144.
Lefferty Tract			H.Lowden	"	Apr. 5,1965	6 1/2	5	60	30	"	D	Brown clay 10;blue clay 62;fine gravel 63. Water at 63.
Lefferty Tract			G.Heebink	I.Davis	Sep.25,1965	6 1/2	2	120	50	Sulphur	D	Blue clay 110;shale 120. Water at 118.
Mount Pleasant Road	East											
Range I	lot 5		L.Sharman	Bealton Well Digging	Aug.24,1967	36	1 1/2		33	Fresh	D	Brown sand 43. Water at 33.
Range I	"	6	A.Klubi	H.Johnson	Nov. 3,1964	36	5	28	22	"	D	Brown sandy loam 6;brown sand hardpan 22;coarse sand hardpan stone 30;grey sand. Water at 22.
Range I	"	7	G.Meritt	"	Nov. 2,1966	36	1		15	"	D	Brown sandy clay 10;fine grey sand 15;fine grey red sand 25. Water at 15.
Range I	"	8	G.Brennan	"	July13,1967	36	1		17	"	D	Brown clay 10;blue clay 20;clay silt 34. Water at 25.
Range I	"	10	J.Babiac	"	June21,1965	36	10	10	5	"	D	Brown sand 17;clay. Water at 5.
Range I	"	11	J.Spychap	"	Oct.29,1966	36	5		4	"	D	Brown sand 8;hard grey clay 26;silt clay 34. Water at 4 and 26.
Range I	"	12	D.Burch	"	Apr.30,1964	36	4	5	4	"	D	Black loam 1;brown sand 18. Water at 4.
Range I	"	12	J.McGrattan Jr.	Bealton Well Digging & Const.	Nov.11,1967	36	1		8	"	D	Brown fine sand 5;grey sand clay 20. Water from 6 to 20.
Range II	"	4	G.H.Sonne	E.Stewart & Son	Aug.22,1966	5	15	85	20	Mineral	D	Blue clay 40;quicksand 90;hard blue clay 101;blue shale 127; blue shale brown limestone 151;blue shale brown limestone gypsum 172;brown limestone shale 180. Water at 176.
Range III	"	8	J.Knight	F.Ince	Mar.20,1964	6 1/2	25	47	37	Fresh	D,S	Brown clay 10;blue clay 50;shale 67. Water at 66.
Range IV	"	4	E.Babinetz	E. Stewart	June25,1964	5	10	17	17	"	D	Sand loam mixture 8;blue clay 52;blue shale 96. Water at 96.
Mount Pleasant Road	West											
Range I	lot 4		Ont. Dept. of Lands & Forests	C. Goodberry Well Drilling Ltd.	Mar. 15,1967	6	40	11	30	Sulphur	D	Topsoil 1;brown sand 17;silty clay 117 1/2;grey coarse sand 122. Water from 118 to 122.
Range I	"	6	R. Kaufman	E. Stewart & Son	Nov. 13,1965	5	10	90	35	Fresh	D	Yellow loam 15;blue clay 80;gravel fine sand 85;fine quicksand 124;hard blue clay 135;brown limestone 140. Water at 139.
Range I	"	6	H. Lacey	H. Johnson	Apr. 8,1967	36	2		6	"	D	Fine sandy loam 6;fine sand clay 19 1/2. Water at 19 1/2.
Range I	"	7	R. Guest	P. Neudert	Jan. 30,1967	36	8	17	12	"	D	Sand 8;blue clay 12;sand 25. Water at 17.
Range I	"	7	Junior School	P. Neudert	Sept.27,1967	36	7		16	"	P	White fine sand 8;grey fine sand 23;stony clay fine sand 29. Water at 28.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.											
Brantford Twp. - cont.											
Mount Pleasant Road		West cont.									
Range I	lot 8	W.Burden	H.Johnson	Feb. 5, 1964	30	5	13	15	Fresh	D	Brown clay 6; brown sand 15; coarse grey sand 30. Water at 15.
Range I	" 8	G.Kellam	T.VanKessel	May 18, 1964	2	20	20	20	"	D,S	Fine sand 30. Water at 20.
Range II	" 3	S.Sabo	Warren Water Wells	Apr. 13, 1965	5	6	45	40	"	D	Yellow sand 46; sand 47; clay putty sand 51; fine sand 57; clay putty sand. Water from 51 to 57.
Joseph Thomas Grant		A.Bilanski	D.Thompson	Feb. 18, 1964	8	6	178	40	"	Ir	Light sandy soil 1; brown sand 8; blue clay 114; light brown sand 126; blue clay stones 131; brown blue limestone 178. Water from 114 to 126 and at 176.
Westbrook Tract		C.Vanderstelt	H.Johnson	July 7, 1966	36	3		20	"	D,S	Black loam 1; brown clay 10; blue clay silt layers 41. Water at 20.
Burford Twp.											
Con I	lot 2	Burford Twp. School Board	J.Stefan	Oct. 20, 1964	4	3	60	26	Fresh	P	Silty sand 43; hard stony clay 62; fine sand 77; hard stony clay 104; fine gravel 106. Water at 104.
Con I	" 2	R.Knill	Lone Star Well Digging	Mar. 10, 1967	30	5	30	22	"	D	Fine sand 22; coarse sand 35. Water at 22.
Con I	" 15	R.Rombout	W.Burwell	Nov. 17, 1966	1 1/2	5	20	18	"	D	Red sand 20; sand 27. Water at 20.
Con I	" 18	J.Mudge	W.D.Baird	Sep. 2, 1966	5	7	68	25	"	D,S	Sand 31; hardpan 42; gritty clay 90; sand clay seams 96. Water from 94 to 96.
Con I	" 22	S.Piozere	J.Stefan	Sep. 3, 1965	4	20	16	14	"	D,S	Dug well 12; soft sandy clay 80; silty sand 106; hard stony clay 119; shale 120. Water at 120.
Con I	" 22	H.Mutton	Lone Star Well Digging	Mar. 13, 1967	30	5	30	23	"	D	Brown sand 7; blue clay 42; sand 43. Water at 42.
Con II	" 7	P.Bandur	J.Stefan	June 2, 1967	4	5	27	7	"	D,S	Dug well 12; hard packed sand 58; blue clay 88; hard stony clay 115; light grey rock 118. Water at 118.
Con II	" 13	M.Kuron	K. McLeod & Sons	May 29, 1967	7	60	35	8	Sulphur	Ir	Sand 40; blue clay 95; hardpan stones 128; black limestone 204. Water from 150 to 204.
Con II	" 24	J.Singer	H.Wood	July 10, 1965	5	12	11	11	Fresh	S	Grey clay 102; coarse dirty sand 105; limestone 110. Water at 109.
Con III	" 21	S.Childs	G.J.Wallis	Oct. 19, 1965	6 1/2	20	45	14	"	D	Dug well 20; blue clay 65; clay sand gravel 108; medium sand gravel 125; pea gravel 126. Water from 108 to 126.
Con III	" 24	J.Housworth	J.Stefan	June 17, 1964	4	10	15	7	"	D	Dug well 5; hard stony clay 16; soft sandy clay 34; hard stony clay 59; fine silty sand 65; hard stony clay 94; medium gravel 95. Water at 94.
Con IV	" 7	P.Cotlar	H.Johnson	Nov. 16, 1966	36	5	18	10	"	D	Black loam 1; brown sandy clay 4; stone sandy clay 10; grey clay stone 17; grey fine sand 31. Water at 18.
Con IV	" 20	R.Potter	Hadco Well Digging & Drilling	May 29, 1967	30	4	29	11	"	D	Topsoil 1; brown clay 10; brown sand 14; grey clay 30. Water at 11.
Con V	" 1	J.MacCormack	H.Johnson	June 25, 1966	36	3		6	"	D	Brown sand stone 13. Water at 6.
Con V	" 3	S.Hunt	J.Stefan	Dec. 1, 1964	4	5	70	65	"	D,S	Dug well 17; dirty sand 34; dirty gravel 57; hard stony clay 70; dirty gravel 78; blue clay 111; shale 112. Water at 112.
Con V	" 5	J.Keezan	H.Johnson	Apr. 16, 1966	36	5		15	"	D	Brown sandy loam 4; coarse sand gravel 26. Water from 25 to 26.
Con V	" 7	R.Edgeworth	"	Apr. 11, 1966	36	5		14	"	D,S	Coarse brown sand 4; sand gravel 22; hardpan. Water at 14.
Con V	" 10	J.Edgeworth	E.Stewart & Son	Aug. 18, 1965	5	10	40	30	Sulphur	D	Yellow lean sand 27; blue clay 80; blue clay gravel 95; blue clay real hard clay 108; soft limestone 117; brown limestone 125; brown limestone gypsum 135; brown limestone 142. Water at 140.



## BRANT COUNTY - cont.

## Burford Twp. - cont.

Con V	lot 10	R. Edgeworth	H. Johnson	Feb. 8, 1966	36	5	28	22	Fresh	D	Brown sand stone 10; hardpan 14; brown sand 20; hardpan 23; grey clay 27; grey sand clay layers 37. Water at 22.
Con V	" 17	A. Laird	J. Stefan	Oct. 27, 1965	4	1	50	11	"	D	Dug well 16; silty sand 56; hard clay 64; fine gravel 65. Water at 64.
Con V	" 18	E. Brown	"	Sep. 15, 1967	4	4	62	24	"	D	Soft silty sand clay streaks 58; hard gravelly clay 81; fine medium sand 86. Water at 81.
Con V	" 23	A. Wilson	Steinman & Baird	May 8, 1965	5	10	53	29	"	D, S	Brown sand 7; gritty grey hardpan 65; grey gravelly hardpan 77; brown grey limestone 90. Water at 89.
Con VI	" 1	J. Cortnege	H. Johnson	Apr. 4, 1966	36	4		10	"	D	Brown sandy loam 4; fine sand 21. Water at 10.
Con VI	" 1	E. Kersey	J. Stefan	July 12, 1966	4	5	38	35	"	D	Coarse gravel 15; fine gravel 25; fine dirty sand 55; medium sand 58. Water at 55.
Con VI	" 2	B. Campbell	"	May 10, 1966	4				"	T	Coarse dirty gravel 19; medium sand 20. Dry hole.
Con VI	" 3	Burford Twp. School Area	"	Apr. 21, 1967	4	15	24	19	"	P	Coarse gravel 21; fine silty sand 30; medium sand 40. Water at 30.
Con VI	" 4	D. Bradfield	P. V. K. & Sons	Aug. 7, 1964	2	5		14	"	D	Topsoil 1; sand stone 30. Water at 14.
Con VI	" 4	J. Wilson	"	May 31, 1967	2	5		22	"	D	Topsoil 1; gravel 33. Water at 22.
Con VI	" 4	J. Cain	"	Nov. 25, 1967	2	8		18	"	D	Sand stone 35. Water at 18.
Con VI	" 23	A. Durling	H. Wood	July 16, 1965	5	12	35	20	Sulphur	D, S	Clay stone 51; rock 92. Water at 92.
Con VI	" 23	E. Wright	"	July 9, 1966	5	4	42	30	Fresh	D, S	Old dug well 21; grey clay stones 57; grey limestone bedrock 59. Water from 58 to 59.
Con VI	" 24	J. Krusnak	"	May 20, 1964	5	8	15	14	"	D, S	Yellow sand 20; clay loam 42; clay stone 68; grey rock 72. Water at 70.
Con VII	" 1	J. Babics	J. Stefan	June 21, 1965	4	5	37	35	"	D	Coarse gravel 14; fine gravel 27; fine silty sand 57; medium sand 60. Water at 57.
Con VII	" 1	J. Miller	"	Dec. 23, 1965	4	5	45	40	"	D	Coarse dirty gravel 26; fine dirty gravel sand 55; medium sand 60. Water from 55 to 60.
Con VII	" 1	F. Tottle	"	July 18, 1966	4	4	50	36	"	D	Coarse gravel 28; fine gravel sand 62; medium sand 65. Water at 62.
Con VII	" 1	H. Couch	"	Aug. 9, 1967	4	5	40	35	"	D	Coarse gravel 18; fine gravel 32; silty sand 55; fine medium sand 60. Water at 55.
Con VII	" 3	T. Parsons	H. Johnson	Dec. 31, 1965	36	20	19	21	"	D	Brown sand 5; coarse sugar sand stone 32. Water at 21.
Con VII	" 4	Lady Galt Towels Ltd.	P. V. K. & Sons	July 10, 1966	2	80	75	20	"	In.	Topsoil 1; sand stone 45. Water at 20. 2 Points connected.
Con VII	" 5	Catholic Separate School	Warren Water Wells	Dec. 28, 1964	6 1/2	20	48	18	"	P	Yellow sand 14; clay stones 35; sand 42; clay 48. Water at 42.
Con VII	" 5	"	"	June 6, 1965	5						Yellow sand 3; gravel 11; grey sand 31; grey clay 47; grey putty sand 48; clay 82. Dry hole.
Con VII	" 5	"	"	June 8, 1965	6 1/2	28	12	8	Fresh	P	Yellow sand 2; pit gravel 11; grey clay 28; coarse sand 40. Water at 40.
Con VII	" 10	E. Harley	J. Stefan	Nov. 6, 1964	4	5	50	48	"	D, S	Hard stony clay 17; soft silty sand 48; hard stony clay 83; shale 84. Water at 84.
Con VII	" 10	C. Dawes	"	Mar. 10, 1966	4	5	68	49	"	D	Soft silty sand 40; sandy clay 120; fine dirty sand 125; hard packed gravel silt 129; medium gravel 130. Water from 129 to 130.
Con VII	" 13	J. McClaren	H. Johnson	Sep. 14, 1965	36	3	15	12	Fresh	D, S	Black loam 1; brown sandy loam 3; brown sandy loam stone 12; sand medium coarse 25. Water at 12.
Con VII	" 20	W. Farrell	H. Wood	Jan. 8, 1964	5	6	17	17	"	D, S	Yellow sand 4; clay 40; fine sand 49; hardpan 50; grey rock 54. Water at 54.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.										
Burford Twp. - cont.										
Con VIII lot 1	K.Hall	J.Stefan	May 9,1966	4	5	45	43	Fresh	D	Silty brown sand 6;coarse dirty gravel 28;silty sand 55;medium sand 58. Water at 55.
Con VIII "	3 G.Bowman	H.Johnson	Apr.27,1964	36	5	24	22	"	In	Brown clay 2;grey sand gravel 6;grey sand 18;coarse sand 22;coarse sand gravel 24;fine sand 34. Water at 22.
Con VIII "	10 M.Jull	J.Stefan	Nov.10,1964	4	5	24	23	"	D	Soft silty sand 18;soft sand clay 38;blue clay 40;medium gravel 41. Water at 40.
Con VIII "	13 T.Vanderlans	"	Nov. 9,1966	4	5	18	12	"	D	Soft silty sand clay streaks 58;bluish grey rock 59. Water at 59.
Con VIII "	13 L.Lee	"	Mar.22,1967	4	10	40	25	"	D,S	Soft silty sand 54;hard gravelly clay boulders 70;light grey rock 73. Water at 73.
Con IX "	11 S.Benton	"	June28,1965	4	10	37	35	"	D,S	Soft silty sand 82;grey shale 83. Water at 83.
Con IX "	19 S.Beres	R.Dennis	Dec.13,1967	5	10	10	5	"	D,S	Brown sand 9;hardpan gravel 16;grey clay 50;grey sand clay 58;grey limestone 61. Water at 59.
Con IX "	24 K.Heeney	J.Stefan	Mar.17,1966	4	5	35	32	Sulphur	D	Soft silty sand 26;soft clay sand streaks 65;broken greenish shale 66. Water at 66.
Con X "	1 J.Cloet	R.Swayze	Sep. 6,1966	6½	10	58	48	Fresh	D,S	Large gravel stones 25;sand gravel 80;coarse sand 100. Water from 85 to 100.
Con X "	11 W.Steward	J.Stefan	Nov.21,1966	4	4	24	10	"	D,S	Hard stony clay sand streaks 20;grey rock 40. Water at 40.
Con X "	13 Z.Okslana	H. Wood	July21,1965	4	12	30	30	"	D	Yellow sand 15;quicksand 36;grey rock 37. Water at 37.
Con X "	15 D.Malcolm	"	Oct.20,1967	5	12	40	40	Sulphur	D	Sand 20;clay 64;hardpan 66;limestone 68. Water at 68.
Con X "	23 G.Ryksen	J.Stefan	June 7,1966	4	5	20	15	"	D,S	Dug well 26;soft sandy clay 38;hard clay 42;grey soft rock 43. Water at 43.
Con X "	24 W.Merritt	P.V.K.&Sons	Feb.12,1964	4	10	34	30	"	D	Dug well 20;clay 60;rock 65. Water at 65.
Con XI "	1 G.Chmiel	Warren Water Wells	Aug.25,1966	5	10	60	46	"	D	Clay stones 4;stones boulders 22;red sand 62;red sand 71;grey sand 80. Water at 71 and 80.
Con XI "	3 E.Olmstead	P.V.K. & Sons	July 6,1964	2	540		13	"	Ir	Topsoil 1;sand 25;sand stones 35. Water at 13. 8 points hooked together.
Con XI "	3 G.Tontsch	J.Swayze	Nov.20,1967	2	6		8	"	D	Topsoil 2;sand 15. Water from 10 to 12.
Con XI "	11 N.Podvony	H. Wood	Apr.18,1966	5	8	3	3	"	D,S	Fine yellow sand 3;blue clay stones 52;black clay stones 62;limestone 64. Water at 64.
Con XI "	14 F.Williams	J.Stefan	Aug.20,1965	4	10	32	30	"	D,S	Hard stony clay 16;soft silty sand clay streaks 42;fine sand 64;blue clay 67;fine gravel 68. Water at 67.
Con XII "	22 B.Powell	H.Wood	Mar. 6,1964	4	6	12	12	"	D	Yellow sand 5;clay 25;clay boulders 35;quicksand 43;hardpan 45;grey rock 46. Water at 46.
Con XIII "	1 St.Antony Daniel Separate School Board	Warren Water Wells	Nov.18,1964	6½	20	135	70	"	P	Sand stones 36;pit gravel 54;sand 74;sand 77;clay sand 81;clay putty sand 93;grey clay 121;shale 123;layers shale grey limestone 135;hard grey limestone. Water at 77, 123 and 135.
Con XIII "	19 Otter Creek Con.(OWRC)	W.E.Locker	Feb.21,1966	7			34	"	T	Black topsoil 1 inch;yellow sand 3;grey sand 13;blue clay 14;fine gravel 20;coarse sand fine gravel 27;fine coarse gravel 32½. Water from 5 to 13½ and from 14½ to 32½.
Con XIII "	19 OWRC	P.E.Johnston Drilling Co.Ltd	Feb. 9,1966	7			4½	"	T	Fine brown sand 10;grey silty clay 10;fine grey silty sand 28;stratified silts 29;very coarse sand gravel 31;fine medium sand 37;stratified silts clays 40;silts 65;grey brown silts clays stones 78;brown grey limestone 79½. Water at 29, 40 and 79.
Con XIV "	1 C.Hunter	Warren Water Wells	May 8,1964	5	10	42	38	Fresh	D	Clay stone 12;gravel 31;sand 42;sand 49. Water at 49.
Con XIV "	2 W.Kiauter	"	July 4,1967	5	4	44	25	"	D	Clay boulders 18;clay 36;putty sand 43;sand 47. Water at 47.

## BRANT COUNTY - cont.

## Burford Twp. - cont.

Con XIV	lot 11	T.Krupicki	H.Wood	Sep. 6, 1965	5	12	8	8	Fresh	D	Yellow sand 5; grey sand 83; limestone 85. Water at 84½.
Con XIV	" 12	J.Varga	H.Johnson	July 14, 1964	36	5	6	4	"	D,S	Brown clay 2; gravel coarse sand 15. Water at 4.
Con XIV	" 12	J.Koss's	"	July 7, 1965	36	40	8	4	"	Ir	Sandy loam 4; coarse gravel 15. Water from 4 to 15.
Con XIV	" 18	M.Cooper	H.Wood	Apr. 14, 1967	5	6	30	30	"	D,S	Sand 12; grey clay 105; sand 140; hardpan 145; limestone 147. Water at 147.
Oakland Twp.											
Con I	lot 6	A.Johnson	W.Packham	Mar. 7, 1964	6½	30	50	44	Fresh	D	Dug well 40; very fine sand 60; clay 178; gravel 180. Water at 180.
Con I	" 6	T.Shaw	"	Mar. 24, 1965	6½	20	62	60	"	D	Sandy clay loam gravel 25; muddy sand 70; hard clay 120; soft clay 140; gravel clay 144; gravel 145. Water at 145.
Con I	" 6	C.Barnes	H.Wood	May 3, 1965	5	12	7	7	"	D	Clay 30; quicksand 70; clay 80; hardpan 90; grey rock 92. Water at 92.
Con I	" 7	J.Peterson	R.Swayze	May 21, 1964	6½	2	150	46	Irony	D	Clay gravel 30; yellow clay sand 75; grey clay 137; blue shale 155. Water at 152.
Con I	" 7	G.Hoggard	R.Dennis	Sep. 13, 1967	5	10	70	45	Fresh	D	Old well 28; brown sand gravel 42; blue clay gravel 75. Water at 37 and 72.
Con I	" 9	S.Kurzawski	"	Feb. 25, 1967	5	4	35	23	"	D,S	Hardpan 4; clay brown sand 35; brown sand 40; coarse black sand 61. Water from 45 to 60.
Con I	" 12	K.Benson	H.Johnson	July 6, 1967	36	1		8	"	D	Black loam 1; brown clay 8; blue clay silt layers 24. Water at 8.
Con I	" 12	B.Conkrite	"	July 7, 1967	36	1½		8	"	D	Black loam 1; brown clay 8; blue clay silt 30. Water at 8.
Con I	" 16	J.Charter	"	Feb. 1, 1964	36	3	45	35	"	D	Sand 3; brown clay 9; blue clay 35; silt 50. Water at 35.
Con I	" 17	H.Krawchuk	E.Stewart	Jan. 11, 1964	5	20	65	25	"	D,S	Blue clay 113; light coloured limestone sand colour 125; dark brown limestone 130. Water at 129.
Con II	" 1	Scotland Baptist Church	Warren Water Wells	Aug. 24, 1964	5	5	68	65	"	F	Yellow clay boulders 19; pit gravel 52; sand 67; sand 77. Water at 77.
Con II	" 2	H.Engeneski	R.Dennis	Dec. 21, 1966	5	10	20	9	"	D	Fill loam 5; brown sand 15; coarse sand 35. Water at 20.
Con II	" 6	Ripley & Sons	W.Packham	May 6, 1965	6½	20	130	50	"	D	Stones gravel 50; clay hardpan 55; very fine sand 65; clay 180; gravel 182. Water at 182.
Con II	" 6	"	"	Mar. 13, 1967	6½	2½	75	52	"	D	Brown sandy loam 8; gravel clay 30; sandy clay 65; sand 75; clay 80. Water at 65.
Con II	" 6	G.Stratford	R.Dennis	Mar. 16, 1967	4	5	47	46	"	D	Sand harpan stones 25; brown sand 51. Water at 51.
Con II	" 6	H.Stratford	E.Stewart & Son	Mar. 14, 1967	5	4	80	54	"	In	Sandy loam mixture 80; blue clay 85; quicksand 145; hard blue clay 199; brown limestone blue soft shale 208; soft coarse sand stone 210. Water at 210.
Con II	" 7	G.Elshof	Cole Water Wells	May 22, 1965	5	3	40	37	"	D	Open hole 40; gravel sand 45; sand 51. Water from 45 to 51.
Con III	" 1	N.Matecsio	J.Stefan	Aug. 14, 1967	4	10	68	58	"	D	Silty sand 80; medium sand 85. Water at 80.
Con III	" 3	P.Simons	"	July 7, 1967	4	10	5	2	"	C	Soft sandy clay clay streaks 30; medium sand 33. Water at 30.
Con III	" 3	M.Toth	"	July 10, 1967	4	10	8	5	"	D	Soft sandy clay, clay streaks 35; medium sand 38. Water at 35.
Con III	" 4	A.Kegeles	Cole Water Wells	May 8, 1965	5	2	28	15	"	D	Yellow sand 5; dirty gravel 28; sand 35. Water from 28 to 35.
Con III	" 4	"	"	Apr. 9, 1966	5	4	38	22	"	D	Yellow sand streaks gravel 25; fine white sand 35; soft clay 39; white sand 45; fine gravel 50. Water from 45 to 50.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.											
Onondaga Twp. - cont.											
Con I	lot 13	M. Robinson	H. Johnson	July 6, 1964	36	3	26	15	Fresh	D	Brown clay 9; grey clay 15; silt 19; clay sand layers 30; silt 35; clay 39. Water at 15.
Con I	" 13	J. DeVenney	J. Wickett	Nov. 19, 1964	5	10	55	33	"	D	Brown clay 12; blue clay 28; dirty gravel 50; hardpan 67. Water at 67.
Con I	" 18	H. Boone	E. Constable	Oct. 13, 1964	6 1/4	5	40	30	"	D	Topsoil 5; brown clay 26; blue clay 60; limestone 71. Water at 67.
Con I	" 23	M. Sommer	F. Ince	July 6, 1964	6 1/4	8	135	25	"	D	Brown clay 8; blue clay 62; limestone 135. Water at 120.
Con I	" 24	R. Wright	"	Aug. 18, 1967	6 1/4	1	116	40	Sulphur	D	Brown clay 12; blue clay 82; limestone 116. Water at 100.
Con I	" 24	A. Teal	"	Aug. 22, 1967	6 1/4	1 1/2	140	40	Fresh	D	Brown clay 15; blue clay 90; limestone 140. Water at 110.
Con II	" 7	Dr. C. Scott	"	Dec. 16, 1966	6 1/4	1 1/2	105	40	"	D	Brown clay 8; blue clay 97; limestone 105. Water at 100.
FCE Con I	" 13	D. Workman	H. Johnson	Nov. 4, 1964	36	1	10	10	"	D	Hard brown clay 10; blue clay silt 39. Water at 10.
FCE Con I	" 14	G. Bradshaw	Hadco Well Drlg & Digging Ltd.	Nov. 21, 1967	30	4	48	36	"	D	Topsoil 1; brown clay 21; blue sandy clay 36; grey sand 42; blue clay 50. Water at 36.
FCE Con II	" 24	J. Chapman	F. Ince	Apr. 3, 1967	6 1/4	20	60	35	Sulphur	D, S	Brown clay 15; blue clay 76; rock 143. Water at 142.
FCE Con II	" 29	C. Somner	H. Johnson	June 30, 1967	36			12	Fresh	D	Brown hard clay 10; heavy blue clay 20; blue clay silt layers 60; rock. Water at 60.
FCE Con III	" 9	R. Whines	"	Aug. 25, 1965	36	2	34	32	"	D	Brown clay 14; heavy blue clay 30; blue clay silt layers 42. Water from 30 to 42.
FCE Con III	" 22	J. Spec	"	Dec. 10, 1965	36	1	10	6	"	D, S	Brown clay 6; sand layer 8; grey clay 30. Water at 6.
PCW Con I	" 7	V. Chambers	"	July 1, 1966	36	3	30	20	"	D	Black loam 1; blue clay 20; blue clay silt layers 57. Water at 20.
PCW Con I	" 8	E. Andersen	"	Feb. 15, 1964	36	2	50	46	Sulphur	D	Brown clay 8; blue clay 12; brown sandy clay 14; blue clay silt 16; red sand 17; blue clay 40; clay stone 52. Water at 46.
PCW Con II	" 11	G. Bevan	F. Ince	Nov. 3, 1966	6 1/4	1 1/2	167	50	"	D, S	Brown clay 10; blue clay 119; rock 167. Water at 140.
PCW Con II	" 11	"	"	Dec. 28, 1966	6 1/4	3	210	40	"	D, S	Brown clay 10; blue clay 101; limestone 210. Water at 200.
PCW Con III	" 3	M. Haughton	H. Johnson	June 17, 1965	36	2	42	40	Fresh	D	Black loam 1; brown clay 15; blue clay silt layers 47. Water at 30.
PCW Con III	" 4	P. Surmanoki	"	Nov. 24, 1967	36	2		6	"	D	Sandy loam 4; sand 5; silt 9; clay silt layers 46. Water at 6.
PCW Con III	" 8	H. Zehender	"	Jan. 31, 1967	36	1 1/2		15	"	D	Brown clay 15; blue clay silt layers 20; silt 25; clay silt 38; clay 41. Water at 15.
PCW Con III	" 8	W. Hughes	"	Apr. 19, 1965	36	3	25	17	"	D	Brown sandy clay 17; sand layer 18; blue clay sand layers 62. Water at 17.
PCW Con III	" 8	R. Webber	"	Jan. 14, 1966	36	5	20	13	"	D	Brown clay 13; sand 19; blue clay fine sand layers 33. Water at 13.
PCW Con III	" 13	J. Devereux	F. Ince	Dec. 13, 1965	6 1/4	20	60	50	"	D, S	Brown clay 15; blue clay 109; shale 111. Water at 111.
RR	" 65	Kangaroo Const	"	May 24, 1966	6 1/4	20	30	8	Sulphur	D	Brown clay 15; blue clay 66; shale 68. Water at 68.
RR	" 36	G. McMaster	J. Wickett	Nov. 26, 1964	5	4	35	22	"	D, S	Sandy loam 10; blue clay 38; dirty gravel 41. Water at 41.
RR	" 80	R. Schleissner	E. Constable	Sep. 13, 1966	5 1/2	3	35	20	Fresh	D	Topsoil 4; blue clay 38; coarse gravel 42. Water at 42.
RR	" 85	L. Douglas	J. Wickett	Nov. 20, 1967	6 1/4	20		16	"	D, S	Brown clay sand 13; blue clay 18; dirty gravel 22; shale 26. Water at 24.
S. Dumfries											
Con I	lot 1	I. Newman	W. Packham	Mar. 17, 1966	6 1/4	1	150	75	Fresh	D	Clay 40; sandy clay 135; limestone 158. Water at 155.
Con I	" 1	E. Roarke	"	May 16, 1966	6 1/4	1 1/2	158	70	"	D	Clay 30; sandy soft clay 131; limestone 158. Water at 145.
Con I	" 1	F. Wagenaar	"	Mar. 20, 1967	6 1/4	10	140	90	"	S	Clay 120; silty sandy clay 137; bedrock 150. Water at 144.
Con I	" 1	B. Budd	"	June 17, 1967	6 1/4	1 1/2	155	60	"	D	Clay 15; soft silty clay 135; bedrock 164. Water at 155.

BRANT COUNTY - cont.  
S.Dumfries Twp.-cont.

Con I	lot 1	K.Wood	W.Packham	Oct. 5, 1967	6½	1	160	75	Fresh	D	Dug well 65; clay 143; bedrock 165. Water at 145.
Con I	" 1	W.Long	"	Oct. 6, 1967	6½	5	140	65	"	D	Dug well 35; clay 134; bedrock 150. Water at 145.
Con I	" 4	A.Muttart	"	Nov. 3, 1964	6½	8	165	90	"	D	Clay 120; sandy clay 138; bedrock 180. Water at 175.
Con I	" 6	R.Knowles	J.Stefan	Oct. 8, 1964	4	2	120	38	Sulphur	D	Soft sandy clay 117; dark rock 150. Water at 130.
Con I	" 6	J.Cole	W.Packham	Oct. 12, 1964	6½	15	95	90	Fresh	D	Grey clay 110; sandy reddish clay silt 152; bedrock 169. Water at 165.
Con I	" 6	R.May	F.Ince	Nov. 17, 1965	6½	1	144	40	"	D,S	Brown clay 10; blue clay 117; limestone 144. Water at 135.
Con I	" 7	R.Peters	W.Packham	Aug. 30, 1965	6½	3½	200	65	"	D	Clay 30; soft clay 85; muddy sand 95; sand clay 145; limestone 220. Water at 150 and 200.
Con I	" 9	J.Mitchell	E.Stewart	Aug. 27, 1964	5	10	35	33	"	D	Hard yellow clay 15; blue soft clay 40; blue hard clay 85; light grey clay 93; brown limestone 130; white limestone 132. Water at 131.
Con I	" 9	B.H.Ogden	J.Stefan	Sep. 6, 1966	4	5	40	6	"	D	Soft sandy clay 74; hard stony clay 89; bluish grey rock 100. Water at 98.
Con I	" 10	J.Boughner	"	June 3, 1965	4	5	60	3	"	D,S	Soft sandy clay 33; hard clay 64; soft sandy clay 107; grey rock 140. Water at 140.
Con I	" 10	Brantford Twp.	International Water Supply Ltd.	May 23, 1966	"	"	"	"	"	T	Brown clay 6; grey clay 22; silt 51; grey silty clay 90; lime stone.
Con I	" 11	"	"	May 26, 1966	"	"	"	"	"	T	Brown clay 6; sand 13; grey red clay small gravel streaks 55; silty grey clay 94; limestone 114.
Con I	" 12	"	"	May 24, 1966	"	"	"	"	"	T	Topsoil 2; gravel sand 5; grey soft clay 86; grey red clay 90; limestone 96.
Con I	" 13	P.Watson	W.Johnson	July 22, 1964	36	"	"	35	Fresh	T	Brown sandy clay 15; grey silt 40. Water at 26. Too silty.
Con I	" 22	Brantford Twp.	International Water Supply Ltd.	May 18, 1966	2	"	"	3	"	T	Sand gravel 8; sand gravel streaked 54; dirty sand clay gravel streaks 77; grey clay 89; grey red clay 104; brown limestone 104.
Con I	" 22	"	"	May 18, 1966	2	34	18	4	Fresh	T	Topsoil 3; sand gravel boulders 25; brown clay gravel 29; sand fine gravel 37; sandy clay gravel streaks 44; sand gravel 53; dirty sand clay streaks gravel streak 74; sandy red grey clay gravel shale 105; brown limestone. Water at 37, 44, 53 and 74.
Con I	" 22	H.Green	Hadoo Well Digging Ltd.	Sep. 16, 1966	30	3	34	27	"	D	Topsoil ½; brown clay 4; sandy clay 10; gravel sand 35. Water at 27.
Con II	" 3	D.Burt	W.Packham	Aug. 14, 1964	6½	6	160	85	Sulphur	S	Clay 146; limestone 168. Water at 150.
Con II	" 4	E.Wheeler	"	Jan. 5, 1965	6½	10	120	87	Fresh	D	Dug pit 6; clay 35; sandy clay 118; dark grey limestone 127. Water at 125.
Con II	" 7	Malcolm Condensing Co. Ltd.	S.Gill	Mar. 11, 1966	6½	57	6	12	Sulphur	T	Previously drilled 57½; fine sand grey clay 58; fine gravel coarse sand 68; dirty fine sand small clay balls 70; dirty silty fine sand mixed grey clay 78. Water at 57½ and from 58 to 68.
Con II	" 7	T.Farron	H.Johnson	Apr. 4, 1966	36	3	"	12	Fresh	D,S	Brown clay 10; blue clay silt layers 26. Water at 12.
Con II	" 7	Malcolm Condensing Co. Ltd.	S.Gill	May 24, 1966	12	120	"	12	"	C	Cinders 4; grey clay 40; sand gravel 41; grey till 56; fine coarse sand fine gravel 66; grey till 69. Water from 40 to 41 and from 56 to 66.
Con II	" 8	W.Jackson	F.Ince	June 28, 1967	6½	3	80	0	"	D	Brown clay 6; stony clay 60; sandy clay 109; sand 102. Water at 112.
Con II	" 9	H.Turner	J.Stefan	July 12, 1965	4	25	2	Flows	"	D	Soft sand clay 14; soft silty sand 30; hard stony clay 83; shale 86; grey rock 87. Water at 87.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.										
South Dumfries Twp-cont										
Con II lot 10	J.Rath	W.Packham	Nov.29,1965	6 1/4	15	90	Flows	Fresh	D	Sandy clay 92;bedrock 103. Water at 100.
Con II " 11	Dr.W.Waite	H.Johnson	Sep. 1,1964	36	3	24	10	"	D	Brown clay 10;grey sand 11;grey clay silt 27. Water at 10.
Con II " 11	"	W.Packham	Apr.13,1965	6 1/4	20	40	10	"	D	Dug well 28;soft sandy clay 95;bedrock 106. Water at 104.
Con II " 12	J.Seifert	H.Johnson	Apr. 7,1965	36	3	14	8	"	D	Brown clay 8;sand 12;blue clay silt 36. Water at 8.
Con II " 13	German School	"	Mar.27,1964	36	2	28	25	"	P	Brown sand 9;hardpan 11;sand 14;grey sand hardpan 39;clay silt 42;silt 50;clay 55. Water at 41.
Con II " 13	Twp.School Area	J.D.Crowley & Ass	Dec. 6,1967	4 1/2			1/2	"	N	Red clay 4;fine red sand 6;blue clay 40;very fine grey silty sand 52;blue clay 62;very fine silty grey sand 68;clay 78; very fine silty grey sand 85;blue reddish brown clay streaks 136;bedrock. Water from 4 to 6, 40 to 52, 62 to 68 and 78 to 85.
Con II " 13	"	"	Dec. 7,1967	4 1/2			6	"	N	Red clay 6;fine red sand 12;silty red grey clay 146;hard brown limestone gypsum seams 149. Water from 6 to 12.
Con II " 16	D.Barnes	W.Packham	July14,1964	6 1/4	40	10	Flows	"	"	Pit 10;sandy clay 125;gravel clay 130;sandy clay 138;rock 210. Water at 140 and 180.
Con II " 16	"	"	July14,1964	6 1/4	40	35	32	"	D	Stones gravel 20;sand gravel 35;sand gravel 65;stones boulder 68. Water from 35 to 68.
Con II " 17	G.Schoenfeld	C.Shantz	June16,1964	5	10	75	68	"	D	Topsoil 1;boulders sandy clay 80;clay gravel 86;sand gravel 109. Water from 106 to 108.
Con II " 18	A.J.Finlayson	E.Stewart	Nov. 5,1965	5	10	35	35	"	D,S	Yellow loam sand 15;blue clay 90;quicksand 114;blue soft clay 136;hard blue clay 144;brown hard limestone 172. Water at 170.
Con II " 18	J.G.Nichol	H.Johnson	Aug.28,1965	36	3	27	20	"	D	Brown sand 20;grey silt 37. Water at 20.
Con II " 18	R.Golden	F.Ince	Dec.10,1965	6 1/4	10	105	102	"	D	Brown stony clay 60;sandy clay 115;gravel 117. Water at 117.
Con II " 20	A.Nagy	"	Dec.28,1965	6 1/4	10	85	75	"	D,S	Brown clay 8;stony clay 160;gravel 168. Water at 168.
Con II " 20	H.McComb	W.Packham	Oct.11,1967	6 1/4	20	35	32	"	D	Gravel 40;clay gravel 75;medium sand 85;fine muddy quicksand 172;medium to coarse gravel 177. Water at 177.
Con II " 28	Paris P.U.C.	International Water Supply Ltd.	Feb.14,1964							Boulders gravel sand 29;red blue clay 91;blue clay sandy streaks 111;blue clay limestone 118;limestone blue brown 122.
Con II " 28	"	"	Feb.19,1964	2	8	30	22		T	Brown clay 5;sand gravel 7;brown blue clay 56;blue red sandy clay gravel boulder streaks 73;broken gravel sand boulders 80;red clay fine sand streaks 86;sandy clay gravel packed 98;limestone soft clay 100;hard limestone.
Con II " 30	"	"	Feb.28,1964						T	Coarse gravel boulders sand 18;gravel sand boulders 26; coarse gravel boulders sand 51;blue brown clay 71;blue brown hard clay 102;gravel sand sandy clay streaks 108;boulders gravel sand 116;brown clay 120;brown clay gravel streaks 123;limestone 124.
Con II " 31	"	"	Feb.25,1964						T	Sandy brown clay gravel 3;coarse sand gravel boulders 41; sandy brown clay gravel streaks 49;brown clay 72;sand fine sand fine gravel packed 135;broken limestone 137.
Con II " 31	"	"	Mar. 3,1964	7					T	Sand 8;boulders coarse gravel sand 23;brown clay 33;sandy clay brown blue gravel 50;gravel sand clay streaks 65;brown clay gravel streaks 69;gravel sand clay 73;sandy grey clay gravel streaks 98;cemented sand gravel 101;brown hard grey clay 132;grey clay gravel streaks 135;gravel sand sandy clay streaks 147;brown grey sandy clay 166;cemented sand gravel 174;limestone 177.

## BRANT COUNTY - cont.

South Dumfries Twp - cont.

Con II	lot 32	R.J.Barker	H.Eddyvean	Sep.12,1967	5	10	44	32	Fresh	D	Topsoil 1;clay coarse gravel 43;clay 65;sand clay 75;sand 78; gravel 79. Water from 78 to 79.
Con III	" 4	A.Wise	W.Packham	Nov.19,1965	6½	15	120	40	"	D	Sandy clay 115;hardpan 126;bedrock 145. Water at 126
Con III	" 10	R.Wallace	H.Johnson	Mar.31,1966	36	5		22	"	D	Sand gravel stones 6;coarse sand 37. Water at 22.
Con III	" 10	R.Dawdy	W.Packham	June 6,1967	6½	15	110	Flows	"	D	Stony clay 10;clay 48;reddish brown sand very fine 115; hardpan 130;gravel 132. Water at 132.
Con III	" 11	E.Sass	H.Johnson	Apr.28,1967	36			12	"	D	Black loam 6;brown sandy clay stone 10;coarse sand gravel 23. Water at 12.
Con III	" 12	G.Pfeiffer	J.Stefan	Aug.24,1964	4	2	80	68	"	D	Dug well 10;coarse gravel boulders 68;silty sand 82;medium sand 85. Water at 82.
Con III	" 12	G.Mussell	"	Sep. 1,1964	4	4	75	74	"	D	Dug well 46;coarse gravel boulders 68;silty sand 75;silty gravel 83;fine clean gravel 85. Water at 83.
Con III	" 16	G.Rutledge	W.Packham	Aug.20,1964	6½	20	40	33	"	D,S	Dug well 35;sandy clay 155;sand gravel 159. Water at 159.
Con III	" 17	G.Schoenfeld	P.V.K. & Sons	May 30,1964	2	½		5	"	D	Sandstone 12;sand silt 65. Water at 4½.
Con III	" 18	J.Little	W.Packham	July20,1964	6½	20	90	60	"	D	Stony clay loam 40;sand 80;sand 120;clay sand gravel 165; gravel 171. Water at 171.
Con III	" 30	Dr.G. Gray	"	Dec.18,1967	6½	15	45	38	"	D	Clay gravel 40;clay 80;sand 90;sand gravel 95. Water at 95.
Con III	" 34	M.Ritche	"	Oct.15,1964	6½	6	85	58	"	D	Dug well 50;clay gravel hardpan 82;sand fine gravel 88. Water at 88.
Con IV	" 5	H.Bomeny	H.Johnson	Dec.17,1964	36	4	24	20	"	D	Brown clay 8;grey sand clay 20;grey clay reddish sand 34. Water at 20.
Con IV	" 5	K.Dowdel	"	Dec.29,1966	36	5		17	"	D	Brown sandy clay 10;blue clay stone 17;blue clay sand stone 37. Water at 17.
Con IV	" 6	R.Roseborough	W.Packham	Dec.28,1964	6½	20	55	48	"	S	Stony clay 50;clay 80;sand 155;gravel 159. Water at 159.
Con IV	" 7	W.Lindsay	F.Ince	May 29,1965	6½	24	52	50	"	D	Brown clay 8;hardpan 60;sand 135;hardpan 155;gravel 164. Water at 164.
Con IV	" 7	L.Skillings	Graham Well Drilling	Dec. 8,1965	6½	15	50	40	"	D,S	Brown clay sand 6;gravel stones 28;stones 57;gravel fine sand 147;coarse gravel 152;stones 160;dark grey rock 167. Water at 150.
Con IV	" 7	G.Dawson	F.Ince	June21,1967	6½	25	15	8	"	D,S	Brown clay 15;sandy clay 100;gravel 109. Water at 109.
Con IV	" 8	E.Schmitt	"	July10,1964	6½	4	128	55	"	D	Brown clay 6;sandy clay 144;sand 148. Water at 146.
Con IV	" 13	G.Poirier	H.Johnson	May25, 1964	36				"		Brown clay stones 15;grey sand 30;grey sand stone 42;grey sand stones 76. Dry hole.
Con IV	" 13	"	W.Packham	Mar.17,1965	6½	20	175	135	Fresh	D	Dug well 76;stone gravel 140;very fine sand quicksand 234; gravel 236;muddy sand 245;bedrock 284. Water at 281.
Con IV	" 14	S.Schiria	H.Johnson	July 5,1966	36	4	8	6	"	D	Brown clay 3;sand stone 16. Water at 6.
Con IV	" 32	I.Kelley	"	Aug.27,1966	36	5	22	16	"	D,S	Black loam 1;sand stone 11;blue clay silt 33;blue clay sand 37. Water at 16.
Con V	" 7	G.A.Pletzer	W.Packham	July23,1965	6½	50	Flows	Flows	"		Silty clay 50;sand 110;sand gravel 114;bedrock 118. Water at 114.
Con V	" 8	Shaver Poultry Breeding Farms	Graham Well Drig	Nov.12,1965	7	30	80	64	"	D,S	Brown sand clay 32;broken rock 86;brown clay 202;cemented gravel 207;loose gravel stone 210. Water at 210.
Con V	" 8	"	F.Ince	Dec.14,1967	6½	20	110	60	"	S	Brown stony clay 90;brown clay 210;fine gravel 216. Water at 216.
Con V	" 10	G.Henderson	W.Packham	Dec.18,1967	6½	17	200	165	"	S	Old dug well 30;sandy clay gravel 118;gravel stones 145; clay gravel 185;gravel 190;sand gravel 193;silty clay 282; bedrock 307. Water at 304.
Con V	" 12	B.Mackey	"	Mar.11,1965	6½	10	175	172	"	D	Clay loam gravel 110;boulders 125;gravel 190. Water at 190.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.										
South Dumfries Twp. - cont.										
Con V lot 12	D.Denton	J.Stefan	Aug.30,1966	4	5	105	103	Fresh	D	Sandy clay 6;soft clay sand gravel 122;fine gravel 123. Water at 122.
Con V " 14	G.Sickle	W.Packham	Dec.15,1964	6 1/4	20	90	80	"	D,S	Pit 7;sandy clay loam small stones 20;sandy clay 95;gravel 100. Water at 100.
Con V " 15	S.Sharp	"	Oct.10,1966	6 1/4	10	170	120	"	S	Pit 5;soft clay 105;hard clay gravel 160;sand 165;hardpan 192 shale 193. Water at 193.
Con V " 19	G.Morris School	H.Eddyvean	Sep.12,1965	7	12	85	80	"	P	Topsoil 1;boulder gravel 60;clay gravel 100;hardpan 158;grey rock 159. Water at 159.
Con V " 29	W.Ferrimen	H.Johnson	Apr.17,1964	36	5	23	18	"	D,S	Sand 8;brown clay stone 6;brown sand 10;brown clay 12;coarse grey sand 22;brown clay stone 28. Water at 18.
Con V " 29	R.Hyndman	C.Shantz	July22,1964	5	2	74	36	"	D,S	Well pit 5;sandy clay gravel 45;clay gravel 126;silty sandy clay gravel 135;gravel clay 141. Water from 135 to 141.
Con VI " 5	J.&P.Szentimrey	F.Ince	Aug.16,1967	6 1/4	15	100	70	"	D,S	Brown clay 40;blue clay 130;shale 140;limestone 142. Water at 140.
Con VI " 7	J.Ross	S.Gill	Mar. 5,1964	6 1/4	8	20	Flows	"	S	Dug well 30;silt 100;gravel 103;rock 112. Water at 112.
Con VI " 7	"	"	Oct.14,1966	6 1/4	10	95	85	"	D,S	Boulder sandy loam 20;stone boulder 35;clay stone 95;gravel 77;sandy clay stones 120;brown clay quicksand 148;sand gravel 154. Water at 154.
Con VI " 7	J.&P.Szentimrey	F.Ince	Aug.12,1967	6 1/4	10	100		"	D,S	Brown clay 20;blue clay 88;limestone 107. Water at 90.
Con VI " 10	G.Henderson	W.Packham	Apr. 7,1965	6 1/4	35	105	100	"	D,S	Sandy clay 60;hard clay 170;sand gravel clay silt 190;gravel 195. Water at 195.
Con VI " 12	P.Stillwell	"	Feb.16,1967	6 1/4	20	90	70	"	D	Pit 6;sand gravel clay 35;large stones sandy clay 50;coarse gravel 70;soft clay 125;hard clay 140;hardpan large stones 150;bedrock 153. Water at 152.
Con VI " 13	C.Whitlam	"	Feb. 2,1964	6 1/4	25	75	65	"	D	Pit 6;sandy clay gravel 40;clay 100;hardpan 108;shale 112. Water at 110.
Con VI " 17	D.Sharp	"	May 5, 1967	6 1/4	30	40	25	"	D,S	Sandy clay gravel 30;clay gravel stones 60;sand gravel stones 65. Water at 65.
Con VI " 19	G.Loker	S.Gill	Mar.19,1964	6 1/4	15	50	12	"	D	Brown clay stone 40;sand clay stones 88;grey rock 108. Water at 95 and 106.
Con VI " 19	R.Hockstra	G.J.Wallis	Oct.19,1964	6 1/4	12	64	8	"	D	Bank run 17;gravelly blue clay 30;sandy blue clay 50;gravelly blue clay 70;sand fine gravel 74. Water from 70 to 74.
Con VI " 19	W.Whittle	Kerr's Well Drilling	Feb. 4,1966	4	15	48	37	"	D	Clay 30;clay boulders 58;clay silt 89;boulders 102;clay silt 114;shale 119. Water from 114 to 119.
Con VI " 26	Renwick Constr	W.Packham	June17,1965	6 1/4	4	105	50	"	D	Sand gravel 10;clay 70;silty clay 105;fine sand 110. Water at 110.
Con VI " 26	Grand River Constr. Auth.	"	May 31,1967	6 1/4	25	60	57	"	P	Sandy clay gravel 20;soft sandy clay 90;hardpan 95;soft clay sand 220;coarse gravel 222. Water at 222.
Con VI " 26	Renwick Constr	"	Sep.21,1967	6 1/4	2	135	70	"	D	Brown sandy clay 45;fine sand 130;fine medium sand 138. Water from 135 to 138.
Con VI " 37	D.DaRosa	L.C.Shantz	Mar.17,1966	5	9	62	61	"	D,S	Previously drilled 71;silty sandy clay gravel 108;silty sandy clay 189;brown limestone 205. Water from 202 to 205.
Con VIII " 2	P.Racine	W.Packham	Nov.26,1964	6 1/4	20	45	20	"	D	Stone gravel sandy loam 20;sand clay gravel 100;black shaly rock 104. Water at 102.
Gore " 6	D.MacAlpine	"	Oct.31,1964	6 1/4	20	45	40	"	D	Clay 95;sand gravel 110;gravel 114. Water at 114.
Gore " 7	R.Peelar	"	Oct.28,1964	6 1/4	20	65	60	"	D	Clay 80;sand 98;rock 108. Water at 105.



BRANT COUNTY - cont.											
S.Dumfries Twp. - cont.											
Gore	lot 8	L.Lyons	H.Johnson	Oct. 8, 1964	36	25	60	52	Fresh	D,S	Brown clay 14;hard grey clay 40;hard grey clay stone 57; medium fine grey sand silt 83½. Water at 57.
Gore	" 8	C.Harrison	W.Packham	Nov.30,1966	6½	20	60	52	"	D	Clay 80;sandy muddy red silt 120;sand very fine gravel 130. Water at 130.
Gore	" 13	A.Stolaski	"	Feb.25,1964	6½	14	100	30	"	S	Clay 75;limestone 110. Water at 105.
Gore	" 13	P.Watson	F.Ince	Oct.6, 1964	6½	3	105	75	"	D	Dug well 46;blue clay 86;limestone 111. Water at 109.
Gore	" 22	J.Marten	H.Johnson	May26, 1967	36	1½		15	"	D	Brown coarse sand stone 15;fine sand 25;coarse sand stone 32. Water at 15.
GRE Con II	" 1	Braeside Penticoastal Camp	W.Packham	Apr. 2,1965	6½	7	150	115	"	P	Topsoil 2;sand gravel 55;hard clay 90;softer clay 145; shaly soft rock 170;medium soft grey limestone 250. Water at 145.
GRE Con III	" 2	L.Krug	S.Gill	June17,1965	6½	10	135	125	"	D	Clay stones 60;sand 148;gravel sand 175;silt 184;gravel 195; fine sand 198;rock 200. Water at 200.
GRE Con III	" 2	E.Moyer	W.Packham	Mar.29,1966	6½	15	195	190	"	D	Sandy clay gravel 40;coarse gravel stones 95;sandy clay 220; rock 240. Water at 230.
GRE Con IV	" 2	W.D.Foulds	"	June 3,1967	6½	20	90	85	"	D	Topsoil 2;brown clay gravel 32;coarse gravel 90;fine sand gravel 110;fine sand 125;sand gravel 130. Water at 130.
GRW Con II	" 3	Paris P.U.C.	S.Gill	June 1964	6½	500		5	"	T	Topsoil 3;boulders 5;very fine sand fine gravel 20;fine sand silt 35;glacial till 37;coarse sand fine gravel cemented 41;coarse gravel sand silt 46;dense clay 49;coarse sand fine gravel 53;dense clay 57;coarse sand fine gravel boulders 60; limestone 63. Water at 49 to 53, 57 to 60 and 60 to 63.
GRW Con II										1-64	
GRW Con II	" 3	"	"	June 1964	6½	500		9	Fresh	T	Black organic soil 3;sand gravel boulders 8;very fine sand fine gravel 22;fine sand silt 39;dense clay 41;fine coarse sand gravel 45;fine sand gravel clay seam 50;dense clay glacial till 58;fine sand gravel silt 60;brown clay gravel 61;coarse sand gravel 67;dolomite bedrock 75. Water from 45 to 50, 60 to 61, 61 to 67 and 67 to 75.
GRW Con II	" 3	"	"	June 1964	6½	500		9	"	T	Black organic soil 3;sand gravel boulders 8;very fine sand fine gravel 22;fine sand silt 39;very dense clay 41;fine coarse sand gravel 45;fine sand gravel clay seam 50;dense clay glacial till 58;fine sand gravel silt 60;brown clay gravel 61;coarse sand gravel 67;dolomite bedrock 75. Water from 45 to 50, 60 to 61, 61 to 67 and 67 to 75.
GRW Con II	" 3	"	"	Sep.15,1964	12	380	14	9	"	T	Black organic soil 3;sand gravel boulders 8;very fine sand fine gravel 22;very fine sand silt 39;very dense clay 41; fine coarse sand gravel 45;fine sand gravel thin clay seam 50;dense clay glacial till 58;fine sand gravel silt 60; brown clay gravel 51;coarse sand gravel 67;dolomite bedrock 75.
GRW Con II	" 3	"	"	Nov.14,1964	6½	260		6	"	T	Boulders coarse sand 5;silty sand gravel 16;grey till 26; silty gravel sand 31;grey till 38;very coarse fine sand fine gravel 43;sand fine gravel 46;fine sand small gravel 50;till 53;clean sand fine gravel 54;extremely fine sand 55;fine sand 66;thin shale layer dolomite 70. Water from 26 to 70.
GRW Con II										5-64	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. S. Dumfries Twp. - cont. Grand River West cont.										
GRW Con II lot 3	Paris P.U.C.	S. Gill	Mar. 1, 1965	8	268	57	40½	Fresh	T 6-64	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; bedrock. Water from 67 to 87, 88 to 99.
GRW Con II " 3	"	"	Mar. 1, 1965	6½			37	"	T 7-64	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; bedrock. Water from 67 to 87 and from 88 to 99.
GRW Con II " 3	"	"	July 1, 1965	19½	399	56½	38½	"	P	Boulders 47; fine sand fine gravel thin layers silt 67; fine sand gravel 79; coarse sand fine gravel 87; clay till 88; coarse sand fine gravel 99; broken bedrock. Water from 67 to 87 and from 88 to 99.
GRW Con II " 3	J. Weatherston	W. Packham	Jan. 25, 1966	6½	20	100	90	"	D, S	Sandy loam clay 10; gravel 50; clay 158; shale 160; hard rock 161. Water at 160.
Tuscarora Township (formerly) or Tuscarora Indian Reserve or Six Nations Indian Reserve or Part of Indian Reserve No. 40.										
BF lot 31	C. Fraser	J. Wickett	Aug. 11, 1967	6½	16	56	43	Sulphur	D	Brown clay 22; blue clay 65; gravelly shale 86. Water at 85.
BF " 47	S.S. #4	"	Nov. 30, 1967	6½	20		35	Fresh	P	Brown clay 20; blue clay 60; dirty gravel 70; shale 76. Water at 75.
PCMM " 43	K. Young	H. Johnson	Feb. 14, 1967	36	2		15	"	D	Brown clay 14; blue clay 15; fine sand silt 16; blue clay silt layers 30. Water at 15.
PCMM " 55	Pauline Johnson Park	J. Wickett	Apr. 13, 1967	6½	20	26	20	"	P	Sandy loam 4; gravel 10; gravel 25; blue clay 65. Water at 64.
PCMM " 55	H. Hill	"	Sep. 19, 1967	6½	6	65	20	"	D	Sandy loam 2; brown clay 17; blue clay 55; dirty gravel shale 75. Water at 74.
Con I " 1	G. Herhemer	E. Mitchell	Feb. 7, 1964	6½	18	52	47	"	D	Clay 10; grey limestone 50; brown limestone 62. Water at 38 and 57.
Con I " 16	D. Hill	J. Wickett	Oct. 6, 1967	6½	30	15	6	"	D	Brown clay 20; blue clay 51; dirty gravel 53. Water at 53.
Con I " 31	W. Davis	Bealton Well Digging & Const.	Nov. 29, 1967	30				"		Brown clay 12; blue clay 30. Dry hole.
Con II " 1	W. Farmer	E. Mitchell	June 12, 1965	6½	20	40	30	Sulphur	D	Clay 44; clay gravel 46; grey limestone 86. Water at 84.
Con II " 20	R. Martin	J. Wickett	Aug. 18, 1967	6½	12	44	18	Fresh	D	Sandy loam 2; brown clay 16; blue clay 50; white gypsum 52. Water at 50.
Con II " 24	J. Garlow	"	Aug. 24, 1967	6½	5		2	"	D	Sandy loam 3; brown clay 16; blue clay 46; dirty gravel 50; brown limestone 60. Water at 55. Encountered gas.
Con II " 25	J. Miller	"	May 30, 1967	6½	10	70	21	"	D	Brown clay 15; blue clay 48; dirty gravel 77; shale 80. Water at 79.
Con III " 1	6th Nation School 9	"	Aug. 8, 1967	6½	15	32	30	Sulphur	P	Brown clay 20; blue clay 30; dirty gravel 35; shale 40. Water at 35.
Con III " 2	H. Garlow	"	Apr. 25, 1967	5	20	18	18	Fresh	D	Brown clay 23; blue clay 38; shale 40. Water at 39.
Con III " 3	B. Petters	"	Dec. 9, 1967	6½	15		64	"	D	Dirty gravel 51; shale 73. Water at 70.
Con III " 4	R. Lickers	"	May 5, 1967	6½	12	50	50	"	D	Brown clay 6; dirty gravel 13; shale 61. Water at 55.
Con III " 12	N. Green	"	June 9, 1967	6½	20	16	16	"	D	Brown clay 30; blue clay 55. Water at 55.
Con III " 18	M. General	"	May 26, 1967	6½	18	18	18	"	D	Brown clay 16; blue clay 62; shale 65. Water at 65.
Con III " 23	G. Hill	"	Aug. 22, 1967	6½	12	30	21	"	D	Brown clay 18; blue clay 63; dirty gravel 78. Water at 77.

BRANT COUNTY - cont.  
Tuscarora Twp. - cont.  
Con III lot 25

Con IV	" 3	C.Davis	J.Wickett	Mar.24,1967	6 1/4	10	60	40	Sulphur	P	Brown clay 14;blue clay 59;grey shale rock 82. Water at 82.
Con IV	" 4	A.Montour	"	May22, 1967	6 1/4	12	54	54	Fresh	D	Dirty gravel 50;grey limestone 74. Water at 73.
Con IV	" 4	L.Martin	"	May 17,1967	6 1/4	16	43	43	"	D	Brown clay 20;blue clay 35;dirty gravel 55. Water at 54.
Con IV	" 6	P.Montour	"	May 23,1967	6 1/4	12	44	42	"	D	Brown clay 34;dirty gravel 50;shale 53. Water at 51.
Con IV	" 6	A.White	"	Mar.29,1967	6 1/4	16	62	62	"	D	Brown clay 2;dirty gravel 39;shale 75. Water at 67.
Con IV	" 7	H.Marcile	"	Dec. 6,1967	6 1/4	20	38	36	"	D	Brown clay 20;blue clay 30;dirty gravel 45. Water at 43.
Con IV	" 16	E.Garlow	E.Stewart	Apr. 3,1967	5	16	22	22	"	D	Brown clay 27;gravel 40;shale 51. Water at 47.
				Nov.16,1965	5	5	40	30	"	D,S	Yellow clay 30;blue clay 45;blue clay gravel 50. Water from 45 to 50.
Con IV	" 18	K.General	J.Wickett	Aug.29,1967	6 1/4	10	70	20	"	D	Brown clay 21;blue clay 60;dirty gravel 65;shale 75. Water at 70.
Con IV	" 19	L.Johnathon	"	Mar. 7,1964	5	15	34	34	"	D,S	Yellow clay 19;blue clay 40;dirty gravel 46. Water at 46.
Con IV	" 19	A.Hill	"	Aug.17,1967	6 1/4	16	30	17	"	D	Brown clay 17;blue clay 65;dirty gravel 67. Water at 66.
Con V	" 18	L.Porter	"	Aug.15,1967	6 1/4	15	25	25	"	D	Brown clay 20;blue clay 69;dirty gravel 73;sand 74;shale 75. Water at 70.
Con V	" 18	A.Porter	"	June 5,1967	6 1/4	20	18	18	"	D	Brown clay 20;blue clay 59;shale 60. Water at 59.
Con V	" 19	M. Styres	"	June 3,1967	6 1/4	88	28	28	Sulphur	D	Brown clay 25;blue clay 60;dirty gravel 65;grey limestone 88. Water at 83.
Con VI	" 1	Atkins	"	Oct.27,1965	5	8	22	22	Fresh	D	Brown clay 9;shale 30. Water at 28.
RE	" 62	Dr.T.Jamieson	"	Oct.24,1966	5	12	24	24	"	D	Brown clay 6;dirty gravel 15;shale 31. Water at 30.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY										
Albermarle Twp.										
BRE Con III lot 20	O. White	A. Wright	Sep.22,1967	5	8	95	28	Fresh	D,S	Black soil 3;clay stones 41;grey rock 95. Water at 90.
BRE Con III " 22	Ont.Dept.of Highways	S. Wright	Mar. 8,1965	5	50	15	6	"	P	Brown sandy soil 2;brown soft shaly limestone 4;grey limestone 60;light brown limestone 75;grey limestone 88; red silty clay layer 88;brown limestone 96. Water at 60 and 88.
BRE Con IV " 33	R.L.Carson	R.&S.Wright	Oct.26,1965	5	14	50	5	"	D,S	Topsoil 4;sand stones 10;gravel stones 16;hardpan clay 21; white limestone 45;blue limestone 76. Water at 74.
BRE Con V " 24	M. Hansen	D.Wright & Sons	Sep.26,1965	5	5	10	Flows	"	D	Stony clay 8;grey limestone 106;blue limestone 111. Water at 108.
BRE Con V " 25	L. Shipley	"	May 26,1965	5	4	65	4	"	D	Grey limestone 68. Water from 55 to 60.
BRE Con V " 25	J. Stewart	W.Wright	June22,1967	5	5	40	5	"	D	Loose stones 3;brown limestone 74. Water at 65.
BRE Con V " 25	L. Shipley	D.Wright & Sons	June 7,1965	5	5	40	6	"	D	Grey limestone 68. Water at 60.
BRE Con V " 26	M. Hansen	"	May 12,1964	5	15	Flows	15	"	P	Clay boulders 12;limestone 106. Water at 100.
BRE Con V " 26	G. Slingerland	"	June 8,1964	5	15	"	Flows	"	D	Clay boulder 12;limestone 110. Water at 105.
BRE Con V " 27	W.Roberts	R.&S. Wright	Sep.23,1967	5	10	"	"	"	D	Clay stones 9;brown limestone 30;blue limestone 70;light brown limestone 115;blue shale 117. Water at 115.
BRE Con V " 28	F.Smith	D. Wright & Sons	July 4,1964	5	5	60	7	"	D	Clay stones 6;brown limestone 50;greyish white limestone 70. Water from 28 to 65.
BRE Con VI " 6	W. King	R.&S. Wright	Sep. 2,1965	4	14	25	13	"	D,S	Hardpan stones 5;grey limestone 43. Water at 42.
BRE Con VII " 23	F.Hogue	D.Wright & Sons	July24,1964	5	7	19	11	"	D	Dark brown limestone 96;grey soft dirty limestone 101.Water at 96.
BRE Con VII " 25	G. Werner	W.Wright	June26,1967	5	3	55	6	"	D	Loose stones 3;brown limestone 60. Water at 55.
BRE Con VIII " 29	M. Pruder	D.Wright & Sons	Jan.18,1966	5	5	50	7	"	D	Clay 6;grey limestone 67. Water from 40 to 65.
BRE Con IX " 1	G. Wilken	R.&S. Wright	June23,1965	5	5	50	7	"	D	Topsoil 1;grey limestone 45;hard blue limestone 60;rock blue shale 70;red shale 76. Dry hole.
BRE Con X " 3	J. Smallmen	W.Wright	June15,1967	7	0	0	0	"	"	Blue clay 60. Dry hole.
BRE Con X " 25	H. Gilbert	D.Wright & Sons	July 7,1964	5	7	24	20	Fresh	D,S	Gravel 25;grey limestone 90. Water at 84.
BRE Con XI " 20	C.Gilbert	"	Sep. 9,1964	5	7	45	45	"	D,S	Topsoil 3;grey limestone 70;brown limestone 98. Water at 95.
BRE Con XII " 31	A.Hunter	W.Wright	June14,1967	5	2	65	7	"	D	Clay stones 10;grey limestone 40;blue shale 50;red shale 71. Water at 40.
BRW Con IV " 5	Ont.Dept. of Indian Affairs	D.Wright & Sons	July28,1964	5	2	65	20	Mineral	P	Shale rock 35;blue shale 45;red shale 70. Water at 35 and 60.
BRW Con IV " 18	O.Noble	R.&S. Wright	Nov.27,1967	5	7	24	18	Fresh	D	Brown sand 12;brown sand stones 28;brown limestone 77;grey limestone 80. Water at 77.
BRW Con IV " 19	S.McNally	D.Wright & Sons	Apr.15,1965	5	5	65	8	"	D	Sand 50;brown limestone 82. Water from 70 to 75.
BRW Con IV " 19	F.Reid	A. Wright	July12,1966	5	12	57	9	"	D	Sand 6;brown rock 57. Water at 55.
BRW Con IV " 19	S.Boyce	D. Wright	Aug. 8,1966	5	2 1/2	80	"	"	D	Sand 12;brown limestone 89;dark brown limestone 100. Water at 89.
BRW Con IV " 19	D.Symons	"	Aug.18,1966	5	10	10	6	"	D	Sand 9;brown limestone 62. Water at 57.
BRW Con IV " 19	T.Bearman	"	June11,1965	5	5	16	2	"	D	Sand 10;brown limestone 63. Water at 52.
BRW Con IV " 20	G. McNaught	"	May 18,1964	5	5	22	5	"	D	Sand 15;brown limestone 71. Water at 65.
BRW Con IV " 22	P.Hardman	"	Nov.25,1964	5	7	14	6	"	D,S	Sand 12;brown limestone 54. Water at 49.
BRW Con V " 12	G.Marshall	"	May 16,1964	5	3	65	6 1/2	"	D	Loose rock 3;brown limestone 81. Water at 65 and 75.
BRW Con V " 12	W.Everetts	"	May 13,1967	5	14	25	9	"	D	Grey limestone 60;blue limestone 83. Water at 75.
BRW Con V " 12	J. Layton	R.&S. Wright	June15,1967	5	10	40	10	"	D	Topsoil 1;grey limestone 35;dark grey limestone 95. Water at 93.
BRW Con V " 12	J.Dice	A.Wright	Nov.27,1967	5	16	58	6	"	D	Dark brown rock 58. Water at 55.

BRUCE COUNTY -cont.												
Albermarle Twp.-cont												
BRW Con V	lot 12	F.Johnson	A.Wright	Dec.21,1967	5	8	50	5	Fresh	D	Dark brown rock 74. Water at 70.	
BRW Con V	" 13	N. Glass	R.& S. Wright	May 6, 1964	4	5	40	5	"	D	Topsoil 3;grey limestone 25;hard dark limestone 65. Water at 65.	
BRW Con V	" 13	L. Stangles	"	May 12,1964	4	10	25	10	"	D	Topsoil stones 2;grey limestone 35;hard dark limestone 85½. Water at 76 and 85½.	
BRW Con V	" 13	B.Morton	D.Wright	June 4,1966	5	4	65		"	D	Bedrock 70. Water at 12 and 65.	
BRW Con V	" 13	V.Day	A.Wright	June 6,1966	5	12	65	8	"	D	Stones 2;dark brown rock 65. Water at 60.	
BRW Con V	" 13	R.Ball	R.&S.Wright	June15,1965	4	5	25	5	"	D	Topsoil 2;grey limestone 45;brown limestone 80½. Water at 80.	
BRW Con V	" 16	J.Budge	D.Wright	May 2, 1964	5	12	14	6½	"	D	Brown limestone 72. Water at 68.	
BRW Con V	" 16	Dr.G.Copeland	D.Wright & Sons	Oct.29,1964	5	5	15	8	"	D	Brown limestone 75. Water at 73.	
BRW Con V	" 16	C.Laubach	"	Sep.23,1966	5	5	50	6	"	D	Sand 18;grey limestone 50;brown limestone 76. Water at 72.	
BRW Con V	" 17	E. Stewart	"	Jan.24,1966	5	5	35	14	"	D	Broken limestone 3;brown limestone 79. Water at 75.	
BRW Con V	" 20	G.Folds	"	Apr.25,1965	5	10	13	12	"	D	Sand 4;hardpan 17;brown limestone 90;grey limestone 96. Water at 90.	
BRW Con V	" 20	J.Schell	"	May 7,1966	5	5	19	11	"	D	Silty sand clay 12;brown limestone 98;grey limestone 102. Water at 98.	
BRW Con V	" 26	E.Foley	"	Sep.30,1964	5	12	15	1½	"	D	Brown limestone 57. Water at 54.	
BRW Con V	" 26	S.Batterton	R.&S. Wright	Aug.20,1965	4	5	25		"	D	Topsoil sand 2;grey limestone 65. Water at 55 and 65.	
BRW Con VI	" 3	W.Freeman	"	Nov.16,1966	4	5	40	10	"	D	Grey limestone 35;white limestone 65. Water at 42 and 65.	
BRW Con VI	" 4	Ont.Dept. of Indian Affairs	D.Wright & Sons	Sep.24,1964	7	2	45	20	"	P	Red shale 50. Water at 25.	
BRW Con VI	" 20	S. Moore	R.&S. Wright	Sep.23,1966	4	10	10	7	"	D	Topsoil 2;grey limestone 41. Water at 25 and 40.	
BRW Con VI	" 21	O.Hagedorn	A.Wright	Aug.24,1966	5	6	12	8	"	D	White limestone 20;brown rock 72. Water at 39 and 70.	
BRW Con VI	" 21	H.Linklater	"	Aug.29,1966	5	8	48	3	"	D	White limestone 40;brown rock 48. Water at 43.	
Amabel Twp.												
Con A	" 8	H.Diebel	D.Wright & Sons	Feb. 1,1965	4	8	20	15	Fresh	D	Clay gravel boulders 80;limestone 155. Water from 120 to 150.	
Con A	" 10	C.Baker	R.&S. Wright	July30,1966	5	20	75	10	"	D	Dug well 15;hardpan gravel 38;grey limestone 134. Water at 134.	
Con A	" 16	W.Matches	"	Nov.28,1966	5	4	50	42	"	D,S	Brown sandy soil 70;stones brown clay 90;grey sand clay 110; layer rock 111;grey sand clay 194;gravel 208. Water at 208.	
Con C	" 24	C. Mole	Durham Drilling & Enterprise	May 20,1965	4	10	60	12	"	D,S	Topsoil 2;sand 30;sandy clay 60;sand gravel 100;sand 108; rock 122. Water from 110 to 122.	
Con C	" 25	W.Ritchie	R.&S. Wright	June 5,1967	5	15	50	5	Sulphur	D	Sand 20;grey clay 36;white limestone 60;brown limestone 103. Water at 60 and 100.	
Con C	" 26	J.Kirkland	Durham Drilling & Enterprise	May 14,1965	4	15	65	10	Fresh	P	Topsoil 2;yellow sand 20;sandy clay 40;clay 65;sand 86;rock 108. Water from 90 to 108.	
Con C	" 26	C.Lake	D.Wright & Sons	Apr. 2,1966	5	3	80	4	"	D	Sand clay 50;gumbo clay 79. Water at 79.	
Con C	" 26	J.Bilecky	Durham Drilling & Enterprise	Sep.11,1965	4	12	55	6	"	D	Open hole 40;grey sandy clay 70;quicksand 80;rock 116. Water from 85 to 115.	
Con C	" 31	E.Clark	W.Wright	May 2, 1967	5	14	40	5	"	D	Sand gravel 26;light brown limestone 85;dark brown limestone 93. Water from 60 to 87.	
Con C	Mill lot	W.Loosemore	R.&S.Wright	Sep. 2,1967	5	27	25	Flows	Sulphur	D	Sand grey clay 17;grey limestone 30;brown limestone 45. Water at 40.	
Con D	"	B.Spalding	"	Sep.19,1967	5	30	20	1	"	D	Sand grey clay 13;grey limestone 35;brown limestone 60. Water at 48 and 57.	
	"	G.Hurt,A.Lowe	"									
	"	G.Galloway	"									

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation entered below the surface are given in feet)
BRUCE COUNTY - cont.										
Amabel Twp. - cont.										
Con D lot 17	M. Jackman	W. Wright	May 8, 1967	5	2	70	Flows	Fresh	D	Gravel sand 44; light brown limestone 80. Water from 55 to 70.
Con D " 19	Saugeen Indian Reserve	R. & S. Wright	June 10, 1967	6	25	70	"	"	P	Brown sand 19; grey clay 26; white limestone 65; brown limestone 150; blue limestone 155; brown limestone 160. Water at 37 and 155.
Con D " 21	R. Smith	W. Wright	July 31, 1967	5	15	110	20	"	D	Sand 80; clay gravel 93; limestone 130. Water from 120 to 125.
Con D " 25	M. Wagner	D. Wright & Sons	May 29, 1965	5	10	50	40	"	P	Sand 60; sand gravel 93; grey limestone 106. Water at 103.
Con D " 25	Saugeen Indian Reserve	R. & S. Wright	June 1, 1967	6	20	20	9	Sulphur	P	Brown sand 21; grey clay 34; white limestone 65; brown limestone 145. Water at 70 and 140.
Con D " 25	Twp. Community Park	W. Wright	July 25, 1967	5	5	85	40	Fresh	P	Sand 70; gravel clay 91; light brown limestone 111. Water at 108.
Con D " 25	B. Gardhouse	"	June 3, 1967	5	3	65	4	"	D	Sand 18; clayish gravel 35; light brown limestone 68; white limestone 70. Water at 55.
Con D " 25	L. Jewett	D. Wright & Sons	Sep. 11, 1965	5	4	50	4	"	D	Sand 20; gumbo clay 28; brown limestone 60. Water from 50 to 55.
Con D " 25	K. Wagner	"	Nov. 4, 1965	5	5	50	3	"	D	Sand 28; brown limestone 65. Water at 63.
Con D " 26	E. McKeachnie	R. & S. Wright	June 10, 1964	5	3	185	37	Sulphur	D	Dug well 25; brown sand 37; grey sand clay 100; grey sand clay fine gravel 110; brown limestone 192; dark brown limestone. Water at 120.
Con D " 26	A. Blair	W. Wright	June 10, 1967	5	10	10	9	Fresh	D	Sand 50; clay gravel 85; light brown limestone 115. Water at 112.
Con D " 26	M. Forbes	"	Apr. 26, 1967	5	12	140	10	Sulphur	P	Sand 20; clay gravel 70; grey limestone 260; white limestone 300. Water from 85 to 285.
Con D " 26	Amabel Twp.	"	July 8, 1967	5	15	120	20	"	P	Sand gravel stones 70; grey limestone 285; white limestone 300. Water from 95 to 285.
Con D " 27	A. Walker	"	Jan. 19, 1967	5	2	90	12	Fresh	P	Sand gravel 67; limestone 101. Water from 90 to 95.
Con D " 27	J. Nicol	"	July 13, 1967	5	14	60	18	Sulphur	D	Sand clay 50; grey limestone 125. Water from 80 to 120.
Con D " 31	R. Kennedy	"	Mar. 16, 1967	5	5	65	18	Fresh	D	Sand 47; brown limestone 80. Water at 75.
Con D " 32	M. Mewhort	D. Wright	Jun. 18, 1964	5	2	70	6	"	D	Sand 18; brown limestone 50; white limestone 71. Water from 50 to 60.
Con D " 33	B. Jackson	W. Wright	Jun. 6, 1967	5	12	35	4	"	D	Sand 15; clay 18; light brown limestone 50. Water at 45.
Con D " 40	A. Youngblood	D. Wright & Sons	Jun. 1, 1966	5	10	18	7	"	D	Sand clay 10; grey limestone 55; brown limestone 64. Water at 60.
Con D " 41	A. Smith	A. Wright	July 28, 1966	5	12	25	1	"	D	Overburden clay gravel 3; brown rock 50. Water at 48.
Con D " 41	L. Rankin	"	Aug. 12, 1966	5	20	65	Flows	"	D	Fine sand 12; brown rock 75. Water at 72.
Con D " 41	A. Sandlak	D. Wright & Sons	Aug. 15, 1965	5	5	20	4	"	D	Sand 8; brown limestone 50. Water at 45.
Con D " 42	J. Craig	"	May 23, 1964	5	12	14	3	"	D	Sand 7; gumbo clay 15; bedrock 56. Water at 53.
Con D " 42	A. Featherstone	W. Wright	Aug. 10, 1967	5	6	10	2	"	P	Sand gravel clay 14; brown limestone 66. Water at 60.
Con D " 44	W. Edwards	L. & A. Wright	June 25, 1964	5	12	81	1	"	D	Sand 7; grey limestone 81. Water at 70.
Con D " 45	M. Ede	A. Wright	July 18, 1966	5	4	70	5	"	D	Sand 2; brown rock 70. Water at 65.
Con D " 45	W. Elmslie	"	July 21, 1966	5	15	6	4	"	D	White rock 32. Water at 29.
Con D " 46	O. Day	R. & S. Wright	May 1, 1964	4	5	20	15	"	D	Topsoil stones 3; grey limestone 51. Water at 51.
Con D " 46	J. Graper	D. Wright	June 13, 1966	5			Flows	"	D	Sandy clay 4; brown limestone 50; white limestone 55. Water at 50.
Con D " 46	J. Henderson	R. & S. Wright	May 6, 1966	5	12	50	"	Sulphur	D	Black soil 1; brown limestone 30; grey limestone 60; blue limestone 63. Water at 39 and 60.
Con D " 47	J. Thomas	D. Wright	June 20, 1966	5	5	8	2	"	D	Sandy clay 6; brown limestone 60. Water at 55.





# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
Amabel Twp.- cont.										
Con XXI lot 1	S.Munn	D.Wright & Sons	Oct.10,1964	5	3	80	15	Fresh	D	Clay gravel sand 68;limestone 109. Water from 100 to 102.
Con XXI " 1	R.Walpole	L.&A.Wright	Apr.14,1965	5	5	22	12	"	D	Stones brown clay 51;grey limestone 71. Water from 65 to 70.
Con XXI " 22	E.Brown	D.Wright	Apr.18,1967	5	1	75	20	"	D	Clay hardpan 40;brown limestone 82. Water at 65.
Con XXII " 21	W.Brown	"	May 14,1966	5	5	50	18	"	D	Hardpan gravel stones 27;brown limestone 85. Water at 40.
Con XXIV " 1	C.Warder	A.Wright	May 5,1967	5	5	54	11	"	D,S	Limestone 54. Water at 35.
Con XXV " 1	G.Miller	W.Wright	July26,1967	5	3	100	3	"	C	Limestone 105;blue shale 130. Water from 80 to 110.
Con XXV " 1	E.Hale	L.&A.Wright	Apr.10,1964	5	10	103	12	"	In	Clay 5;white limestone 103. Water at 80.
Con XXV " 10	C.Lancaster	D.Wright & Sons	June27,1964	5	5	30	30	"	D	Loose limestone 20;solid grey limestone 35;brown limestone 40. Water at 35.
Con XXVI " 12	W.Pruder	L.&A.Wright	July18,1965	5	48	31	9	"	D,S	Soil stones 6;brown rock 31. Water at 20.
Cranberry Island	A.Delporte	"	July18,1964	5	12	55	6	Sulphur	D	Sand 1;grey limestone 55. Water at 50.
ORN Con II " 38	Ont.Dept.of Highways	R.&S.Wright	Dec. 7,1967	6	10	100	5	Fresh	P	Brown sand stones 12;broken limestone 18;grey limestone 33; blue limestone 90;brown limestone 175. Water at 33,52,171.
OBS Con I " 49	W.Comminge	D.Wright	July21,1964	5	4	50	13	"	D,S	Dug well 18;brown limestone 117;white limestone 162. Water from 80 to 155.
OTP	M.MacMahon	L.&A.Wright	July13,1965	5	3	73	3	"	D	Sand 5;clay stones 19;brown rock 73. Water at 36.
OTP North Range" 3	E.Williamson	D.Wright & Sons	June17,1964	5	10	25	8	Sulphur	D	Sand 8;clay stones 30;brown limestone 65;white limestone 73. Water at 68.
OTP South Range" 1	H.Anderson	A.Wright	July23,1966	5	12	25	6	Fresh	D	Sand clay 22;grey limestone rock 48. Water at 45.
OTP " " 1	G.Alindson	"	Aug. 3,1966	5	6	52	25	"	D	Clay stones 17;brown rock 52. Water at 50.
OTP " " 2	C.Grandy	L.&A. Wright	July15,1964	5	10	40	2	"	D	Sand clay 14;grey limestone 60. Water at 50.
Arran Twp.										
Con I " 1	L.Mills	"	May 13,1964	4	20	45	35	"	D,S	Open hole 20;boulders 40;grey stony clay 100;boulders clay 125;sandy clay 150;soft grey clay 170;stony clay 200; sand 220;sand gravelly clay 242;grey rock 244. Water at 242.
Con I " 6	J.Grant	"	Sep.29,1964	4	15	30	20	"	D,S	Brown clay rock 15;clay 70;sand gravel 90;grey sandy clay 160;brown hard rock 175. Water from 160 to 175.
Con I " 9	R.Palmer	"	Oct.31,1964	4	12	44	32	"	D,S	Topsoil 1;brown clay 110;sand gravel 140;hardpan boulders 152;cemented gravel sand 165;hard grey limestone 185. Water from 175 to 185.
Con I " 23	R.Stong	"	Feb. 4,1964	4	12	60	25	"	D,S	Open hole 24;clay sand 40;cemented gravel 55;hard white limestone 140. Water from 130 to 140.
Con I " 26	H.McCurdy	"	Nov. 2,1964	4	20	18	16	"	D,S	Topsoil 3;gravelly clay 20;clay boulders 26;brown rock 72. Water from 50 to 72.



BRUCE COUNTY - cont.  
Arran Twp. - cont.

Con II	lot 11	A. Misch	Durham Drilling & Enterprise	Sep.17,1966	4	12	44	38	Fresh	D,S	Topsoil 1;hardpan stones 117;cemented gravel 175;coarse sand 182. Water from 160 to 182.
Con II	" 15	G.Monkman	"	May 11,1967	4	10	72	30	"	D,S	Topsoil 1;hardpan stones 18;sand gravel 40;stony hardpan 145;sand gravel 150;hard grey limestone 268. Water from 250 to 268.
Con II	" 21	E.Tedford	R.&S. Wright	Sep. 3,1965	5	20	90	36	"	D,S	Brown sand stones 25;brown clay stones 60;grey clay stones 95;soft brown limestone 98;brown limestone 108;grey limestone 123. Water at 115.
Con II	" 32	D.McCurdy	"	Dec.11,1964	5	10	65	36	"	D,S	Brown sandy soil 10;grey clay stones 61;grey limestone 100. Water at 85.
Con III	" 12	K. Wagner	Durham Drilling & Enterprise	May 5, 1964	4	30	25	20	"	D,S	Open hole 22;gravelly clay 60;sand gravel 80;sandy clay 100;quicksand 110;gravel 115;sand gravel 128. Water from 115 to 128.
Con III	" 15	E.Horning	"	Nov.25,1964	4	10	65	40	"	D,S	Sand 25;hardpan boulders 60;gravel clay 114;brown limestone 173. Water at 173.
Con IV	" 7	G.Middleton	"	Oct.10,1964	4	8	67	40	"	D,S	Topsoil 1;clay sand 25;hardpan boulders 60;brown clay grey clay 133;hard white limestone 202;brown rock 224. Water from 210 to 224.
Con IV	" 29	J.Alexander	R.&S.Wright	Oct 30,1964	5	5	60	16½	"	D,S	Dug well 21;grey clay stones 45;brown sand stone 65;grey clay 70;blue limestone 85;grey limestone 110;brown limestone 130. Water at 85.
Con V	" 15	A.Gailbraith	Durham Drilling & Enterprise	Oct. 3,1966	4	5	110	50	"	D,S	Topsoil 1;hardpan 55;hardpan boulders 80;sand gravel 140;hard white limestone 263. Water from 230 to 260.
Con V	" 17	F.Smith	"	Oct.21,1964	4	15	30	30	"	D,S	Open hole 36;hardpan boulders 85;gravel stones 99;gravel 125. Water from 120 to 125.
Con VI	" 14	G.VanSlighten-horst	"	Apr.26,1967	4	10	75	44	"	D,S	Topsoil 1;stony hardpan 22;brown grey hardpan 150;sand gravel 170;sand stones 175;hard grey limestone 276. Water from 260 to 276.
Con VI	" 19	E.Horning	"	Nov.18,1964	4	12	40	22	"	D,S	Topsoil 1;hardpan stones 90;sand gravel 105;limestone blue shale 129. Water from 115 to 128.
Con VI	" 28	D.Petrie & W.Mills	R.&S.Wright	July25,1964	5	7½	52	12	"	D	Brown sandy clay stones 30;grey clay stones 35;brown limestone 46;grey limestone 64. Water at 46.
Con VI	" 28	E.Trelford	"	Aug.28,1964	5	15	20	14½	"	S	Dug well 14; brown sandy clay stones 41;brown limestone 54; grey limestone 60. Water at 54.
Con VI	" 28	K.McLennan & W.H.Reed	"	Sep.22,1964	5	6	35	12	"	D	Brown sandy clay stones 20;grey sand stones 43;brown limestone 50;grey limestone 160. Water at 56.
Con VI	" 29	A.Winters	"	July16,1964	5	15	15	7	"	D	Brown clay stones 10;grey clay stones 25;white limestone 35; blue limestone 46;grey limestone 50. Water at 35.
Con VII	" 14	G.Gailbraith	Durham Drilling &Enterprise Ltd.	Sep.14,1966	4	12	24	14	"	D,S	Fill 5;hardpan 70;sand 114;hard grey limestone 156. Water from 150 to 156.
Con VII	" 16	E. Strong	"	Aug.31,1966	4	15	15	6	"	D	Topsoil 1;hardpan stones 40;gravel sand 117;grey limestone 139. Water from 130 to 139.
Con VII	" 21	J.Pearson	"	Nov.20,1965	4	6	65	38	"	D,S	Topsoil 1;hardpan 18;boulders 25;hardpan stones 96;boulders cemented gravel 100;blue shale 125. Water from 118 to 125.
Con VII	" 26	L.Trelford	R.&S.Wright	Aug.14,1964	5	15	98	39	"	D,S	Brown clay stones 20;grey clay stones 85;grey sand 108;grey clay stones 114;grey shaly limestone 118;grey limestone 141. Water at 130.
Con VII	" 27	T.Duff	"	Oct.10,1964	5	5	135	40	"	D,S	Brown sand stones 75;brown clay 88;blue limestone 100;brown limestone 135;grey limestone 147. Water at 100 and 137.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Arran Twp. - cont.										
Con VII lot 29	D.Clark	R.&S.Wright	June 17, 1964	5	15	30	18	Fresh	D	Brown sandy clay stones 28; grey clay stones 35; brown limestone 50. Water at 45.
Con VII " 29	R.Mills & J.Work	"	Oct. 17, 1964	5	18	21	16	"	D	Brown sandy clay 27½; grey limestone 62. Water at 52 and 58.
Con VII " 29	M.Wark	"	Oct. 23, 1964	5	15	20	20	"	D	Dug well 23; grey clay stones 29; grey limestone 63. Water at 60.
Con VII " 29	E.Schultz	E.Schultz	Jan. 14, 1966	4	10	7	6	"	D	Gravelly clay 25; brown limestone 40. Water from 30 to 35.
Con VIII " 28	W.Virtue	R.&S.Wright	June 26, 1964	5	15	40	26	"	D,S	Brown clay stones 40; grey clay stones 57; brown limestone 79. Water at 78.
Con VIII " 33	C.MacDonald	D.Wright	Dec. 20, 1967	5	15	90	18	"	D,S	Gravel boulders 40; grey limestone 140; brown limestone 236; light brown limestone 241. Water at 90 and 236.
Con IX " 11	E.VanSlight-horst	Durham Drilling & Enterprises	June 7, 1965	4	8	20	18	"	D,S	Topsoil 2; gravel boulders 50; sand 100; quicksand 140; sandy gravel 170; sandy clay 180; sand 185; grey rock 193. Water from 185 to 192.
Con IX " 16	K.Crawford	"	Oct. 18, 1966	4	5	125	35	"	D,S	Topsoil 1; hardpan stones 28; brown clay 169; hard white limestone. Water from 260 to 284.
Con X " 17	O.Patchell	D.Wright & Sons	July 31, 1964	5	8	45	21	"	D,S	Clay gravel sand boulders 172; bluish white limestone 255. Water from 210 to 248.
Con X " 22	A.Vary	Durham Drilling & Enterprise Ltd.	Sep. 28, 1966	4	12	48	20	"	D,S	Topsoil 1; hardpan stones 40; grey clay 60; gravel 79; hard brown rock 152. Water from 130 to 152.
Con XI " 12	R.Barclay	G.L.Davidson	Jan. 4, 1965	5	7	130	112	"	D,S	Hardpan stones 34; sand 38; hardpan stones 98; sand hardpan 142; quicksand 184; hardpan stones boulders 192; sand gravel 202; hardpan sand 268; brown soft rock 288; grey hard rock 300. Water at 202.
Con XII " 25	E.Strang	R.&S. Wright	June 30, 1966	5	10	80	25	"	D,S	Brown soil stones 30; grey sand 60; fine gravel 70; grey sand clay 103; grey limestone 118. Water at 60 and 115.
Con XIII " 24	J.&J.Morrow	"	Feb. 3, 1964	4	6	80	22½	"	D,S	Dug well 20; brown sand clay 60; grey sand clay stones 134; grey limestone 151. Water at 143.
Indian Land Strip 23	M.Greig	"	Aug. 24, 1965	5	5	268	34	"	D,S	Brown soil stones 30; brown sand stones 46; white limestone 110; light brown limestone 120; dark brown limestone 130; grey limestone 170; dark brown limestone 200; grey limestone 220; brown limestone 230; grey limestone 140; dark grey limestone 275. Water at 150 and 170.
Indian Land Strip 27	F.Wright & I.McCulloch	"	Oct. 24, 1966	5	5	120	28	"	D	Brown clay stones 49; white limestone 55; brown sand stones 57; white limestone 90; grey limestone 120; brown limestone 172½. Water at 120.
Indian Land Strip 42	H.&G.Weiss	D.Wright & Sons	Sep. 15, 1964	4	10	145	60	"	D,S	Clay gravel large boulders 60; clay 155; sand 215; bluish white limestone 276. Water at 240 and 270.
Indian Land Strip 44	Ont.Dept.of Highways	A.Loucks	July 7, 1965	7	20	50	20	"	F	Gravel boulders 175; gravel sand 248; white limestone 288. Water from 248 to 288.
Indian Land Strip 44	J.Eby	R.&S. Wright	July 13, 1966	5	14	22	18	"	D,S	Brown sand 30; grey clay stones sand 80; grey clay 142; grey sand 236; fine gravel grey sand 242; brown bedrock 260. Water at 242 and 250.
Saugeen Road East Range A lot 16	Community of Burgoyne	Durham Drilling & Enterprise Ltd.	June 16, 1967	5	20	100	52	Fresh	P	Topsoil 3; sandy clay 85; sand gravel 90; quicksand 120; grey clay 200; sandy clay 240; sand 250; blue shale 280; grey limestone 284. Water from 275 to 284.
Range A " 17	E. Cunningham	"	Jan. 4, 1965	4	10	50	50	"	D,S	Topsoil 3; sand 140; hardpan boulders 232; blue limestone 256. Water at 254.
Range B " 20	G. Meuser	"	June 1, 1967	4	12	55	20	"	D,S	Topsoil 4; sandy clay 30; stoney grey clay 70; grey silty sand 100; soft grey clay 150; stoney grey clay 160; fine sand stones 166; hard grey rock 216. Water from 170 to 216.

BRUCE COUNTY - cont.											
Brant Twp.											
Con A	lot 8	J.Regier	Hadco Well Digging Ltd.	Feb.16,1965	30	2	24	10	Fresh	D,S	Topsoil 1;gravel brown sandy clay 10;blue clay stones 30. Water at 10.
Con A	" 12	R.Spitzig	Durham Drlg. & Enterprise Ltd.	Nov.16,1966	4	12	42	40	"	D,S	Topsoil 1;brown clay 102;sand gravel 110;hard brown limestone 132. Water from 120 to 132.
Con A	" 24	E.Peeney	G.L.Davidson	June 9,1965	4	20	30	13	"	D	Topsoil 1;clay stones 17;sand gravel 19;stony hardpan 39; brown shale clay seams 44;grey hard rock 103. Water at 103.
Con A	" 24	K.Anstett	E.A.Keeso	Jan. 5,1967	4	15	15	12	"	D	Gravel stones 12;hardpan gravel boulders 37;grey shale 43; hard grey limestone 112. Water at 112.
Con VI	" 31	S.Kochany	Durham Drlg. & Enterprises Ltd.	Nov.10,1965	4	10	80	78	"	D,S	Hardpan boulders 20;grey clay 150;sandy clay 230;cemented gravel 240;brown rock 260. Water from 250 to 260.
Con VII	" 10	H.McIntyre	"	June30,1966	4	7	144	96	"	D,S	Topsoil 1;brown clay 30;sand 40;brown clay 240;brown limestone layers soft blue rock 338. Water at 310,320,338.
Con VII	" 31	G.Ahrens	E.A.Keeso	Oct.30,1964	4	12	90	74	"	D,S	Clay coarse gravel 40;fine sand 92;sandy clay 180;hard coarse sand 260;hard brown rock 267. Water at 261 and 267.
Con VIII	" 8	J.Riley	G.L.Davidson	Sep. 6,1966	4	10	35	32	"	D,S	Sand 5;blue clay 42;gravel 67;sand gravel 90;brown rock 116. Water at 116.
Con X	" 26	A.Schlörff	Durham Drlg. & Enterprises Ltd.	Mar. 2,1964	4	7	25	18	"	D,S	Open hole 30;clay 85;fine sand 130;coarse gravel 132. Water at 132.
Con XI	" 32	N.Emkie	"	June23,1965	4	25	10	Flows	"	D,S	Topsoil 1;brown clay 62;stones clay 90;grey clay 149;blue shale 156. Water from 150 to 156.
Con XII	" 33	N.Weber	"	Nov. 9,1967	4	20	8	4	"	D,S	Topsoil 3;sandy clay 30;soft grey clay 90;hardpan 145;brown rock 155;grey rock 160. Water from 150 to 160.
Con XIII	" I	C.Hodgkinson	"	Jun.21,1967	4	15	65	36	"	D,S	Topsoil 3;soft grey clay 100;sandy clay 120;sand gravel 140; stony grey clay 150;soft grey clay 163;blue shale 173;brown shale 183. Water from 180 to 182.
Con XIV	" 8	B.Cooke	"	Dec.17,1965	4	5	140	52	"	D,S	Topsoil 2;sandy clay 20;blue clay 175;gravelly clay 195; sand 200;boulders clay 222;brown rock 316. Water from 300 to 316.
Con XV	" 29	G.Kirkwood	G.L.Davidson	May 6, 1965	4	12	20	8	"	D,S	Topsoil 1;sandy brown clay 12;soft blue clay 51;sand 86; large gravel stones 89;grey hard rock 112;buff medium hard rock 142. Water from 139 to 142.
DRN Con I	" 49	A.Brockelbank	Water Well Drlg.	Oct. 6,1966	4	10	30	10	"	D	Fine sand 306;dark brown limestone 308. Water from 307 to 308.
DRN Con II	" 74	G.Monk	K.Mighton & Son	Oct.30,1964	4	10	50	40	"	F	Open hole 23;sand 38;sandy clay 105;stony clay 128;grey shale 148;hard grey limestone 154. Water from 130 to 154.
DRN Con III	" 69	Hanover P.U.C.	International Water Supply	Apr.19,1967						T 4-67	Topsoil 1;fine sand loam 14;sandstone sandy clay cemented streaks 25;fine silty sand 41;silty clay 143;clay broken gravel 147;fine gravel sandy clay 157;coarse fine gravel sandy clay 190;hard limestone 191. Dry hole.
DRN Con III	" 71	"	"	Apr.21,1967						T 5-67	Topsoil 1;sandy loam 16;soft clay 22;stiff clay 25;silty clay 91;fine sand silt 137;gravel lightly cemented clay 153;gravel clay hard cemented 156;limestone 157. Dry hole.
DRS Con I	" 34	W.Rouw	Water Well Drlg.	Oct.14,1964	5	10	42	42	Fresh	D	Hardpan 12;gravel 41;brown limestone 70;blue shale 128. Water at 128.
DRS Con I	" 35	P.Freilburger	Durham Drlg. & Enterprises Ltd.	July15,1966	5	10	100	100	"	D	Clay stones 40;blue shale 90;grey limestone 196. Water from 120 to 196.
DRS Con I	" 36	L.MacGregor	Water Well Drlg.	Aug.31,1967	5	12	65	63	"	D,S	Sandy clay 12;hardpan 35;loose brown limestone 41;grey limestone streaks yellow blue shale 184. Water at 52,165, 180.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Brant Twp. - cont. Durham Road South cont.										
DRS Con I lot 48	E.Lobsinger	Water Well Drlg.	July 25, 1966	4	10	23	1	Fresh	P	Fine sand clay 80; gravel 92; brown clay 127; grey limestone 168. Water at 166.
DRS Con I " 54	R.Jagelowski	Durham Drlg. & Enterprises Ltd.	Apr. 7, 1966	4	15	18	12	"	D,S	Topsoil 1; clay 20; gravel 25; brown clay 40; sand 148; coarse gravel 151. Water from 148 to 151.
DRS Con II " 32	Dr.G.O'Toole	E.A.Keeso	Apr. 22, 1965	4	15	27	27	"	D,S	Yellow clay 15; brown shale 48; brown limestone 73. Water from 70 to 73.
DRS Con II " 74	Hanover P.U.C.	International Water Supply	Apr. 4, 1967	4	15	25	8	"	T 6-67 D	Topsoil 1; sandy loam 7; soft yellow clay gravel 10; grey clay 69; gravel clay sand 108; soft shale 121; limestone. Dry hole. Fill topsoil 3; hardpan stones 25; clay sand 54; hard brown rock 68. Water from 64 to 68.
DRS Con III " 25	C.Strauss	Durham Drlg. & Enterprises Ltd.	Dec. 21, 1965	4	15	12	11	"	D,S	Clay 12; hardpan stones 26; sandy shale 73; blue limestone 79. Water from 77 to 79.
DRS Con III " 30	A.Birr	E.A. Keeso	Apr. 12, 1965	4	15	12	11	"	D,S	Topsoil 3; clay 20; hardpan 80; sand 100; quicksand 125; gravel 139; brown limestone 148. Water at 148.
DRS Con III " 48	E.Weltz	Water Well Drlg.	Mar. 9, 1964	4	10	Flows	0	"	D,S	Dry well 5; soft clay 21; blue shale 50; blue limestone 54. Water from 50 to 54.
DRS Con III " 60	G.Hundt	E.A.Keeso	July 29, 1965	4	11	40	25	"	D,S	
Bruce Twp. Con I lot A	T.Russell	G.L.Davidson	May 11, 1965	4	12	25	3	Fresh	D	Sand gravel 9; brown hard shale 31; brown hard limestone 56. Water at 56.
Con I " C	G.Brown	Durham Drlg. & Enterprises Ltd.	May 24, 1967	4	15	35	30	"	D	Topsoil 1; hardpan stones 25; grey clay 50; brown hardpan 80; grey limestone 122. Water from 110 to 122.
Con I " C	I.MacKenzie	G.L.Davidson	May 18, 1967	4	8	80	71	"	D,S	Topsoil 1; red clay sand 5; red clay 19; blue clay 35; hardpan clay stones gravel 100; brown soft rock 139; brown medium hard rock 144. Water from 139 to 144.
Con I " 1	A.Dent	"	Sep. 29, 1966	4	10	78	76	"	D,S	Clay 4; sand 42; clay 48; gravel sand clay 116; shale soft clay 137; brown medium soft rock 161. Water at 161.
Con I " 15	S.Bradley	"	June 16, 1966	4	10	70	65	"	D,S	Blue clay 170; sand gravel 184; shale 189; brown rock 239. Water at 239.
Con I " 33	C.McClennen	Durham Drlg. & Enterprises	Nov. 6, 1964	4	12	58	56	"	D,S	Topsoil 2; brown clay 160; hardpan stones 190; sand gravel 211; brown rock 239. Water at 232 and 236.
Town plot Inverhuron Con II " 19	G.Gulian W.Bonnett	G.L.Davidson	May 10, 1967 July 20, 1966	4 4	12 7	12 50	7 30	"	D D,S	Sand 24; brown shale 28; brown hard limestone 92. Water at 92. Topsoil 3; sand 12; blue clay 116; marl sand layers 155; sand gravel 160; hardpan stones 178; white brown soft shale 200; brown grey hard rock 247. Water at 247.
Con II " 23	R.Gilchrist	"	Nov. 20, 1967	4	40	10	Flows	"	D,S	Topsoil 1; red bridging clay 17; blue clay 32; soft marl clay 108; sand gravel streaks 119; hardpan 123; gravel 130; brown medium limestone shale 141. Water at 141.
Con IV " 17	L.Berndt	"	Sep. 18, 1967	4	3	210	27	"	D,S	Topsoil 3; brown clay 14; blue clay 29; sand clay 85; marl clay 197; blue clay 216; hardpan 220; brown grey rock 252; grey rock 305. Water from 252 to 305.
Con IV " 20	R.Hyde	"	Aug. 15, 1966	4	5	69	30	"	D,S	Topsoil 3; blue clay 35; blue marl 159; gravelly hardpan 172; gravel shale 175; buff hard rock 229; grey hard rock 230; blue medium hard rock 232. Water at 232.

BRUCE COUNTY - cont.  
Bruce Twp. - cont.

Con IV	lot 20	W. Helwig	G.L. Davidson	Nov. 29, 1966	4	10	46	26	Fresh	D, S	Topsoil 1; blue clay 27; marl clay 150; stony hardpan gravel streaks 160; grey hard rock 217; brown medium hard rock 234. Water at 234.
Con IV	" 27	J. Kidd	"	May 18, 1965	4	30	40	Flows	"	D, S	Brown clay 16; blue clay 51; brown marl 94; clay stones 111; brown shale 113; grey blue hard rock 127; brown white hard rock 142. Water at 142.
Con V	" 17	C. Boppel	"	July 22, 1966	4	22	50	37	"	D, S	Topsoil 1; brown clay 8; blue clay 36; soft sandy clay 102; sand clay stones 111; blue clay 120; marl 189; sand marl gravel 198; hardpan 208; brown grey hard rock 281. Water at 281.
Con V	" 26	G. Vance	"	July 4, 1966	4	7	35	2 1/2	"	D, S	Topsoil 1; brown clay 14; blue clay 87; stony hardpan 108; gravel 119; hardpan gravel 123; grey hard rock 175; grey white hard rock 266. Water at 144 and 175.
Con VI	" A	E. Frederick	"	Nov. 6, 1965	4	8	70	Flows	"	D	Sand clay 21; gravel 34; hardpan 50; gravel hardpan 63; brown hard limestone 141. Water at 141.
Con VII	" F	M. Goluzd	Durham Drlg. & Enterprises Ltd.	Sep. 7, 1964	4	8	60	50	"	D	Brown clay 131; gravel rock 144; grey limestone 210. Water from 195 to 210.
Con VII	" 5	Bruce Twp. area School Board	A. Loucks	Jan. 24, 1964	5	20	47	21	"	P	Brown clay 34; clay gravel 105; gravel sand 129; clay gravel stones 178; brown limestone 218; grey limestone 232. Water from 200 to 232.
Con VII	" 5	M. Hackett	G.L. Davidson	Oct. 3, 1967	4	2 1/2	126	22	"	D, S	Topsoil 1; brown clay 16; blue clay 45; blue clay 58; sandy gravelly hardpan 97; sand 118; hardpan 143; limestone brown medium hard 148; brown loose limestone 151; brown very hard limestone 262. Water at 151 and from 255 to 262.
Con XIII	" 16	D. McGillivray	Durham Drlg. & Enterprises Ltd.	July 14, 1964	4	15	50	20	"	D, S	Topsoil 3; soft brown clay 45; sand gravel 49; grey rock 99. Water from 50 to 100.
LR	" 1	W. McKeeman	Water Well Drlg.	Jun. 20, 1964	4	8	15	6	"	D	Sand 8; brown limestone 94. Water at 88.
LR	" 1	D. Oram	G.L. Davidson	July 3, 1965	4	12	22	18	"	D	Brown soft shale 38; brown hard rock 87. Water at 87.
LR	" 1	M. MacKenzie	"	Nov. 12, 1965	4	12	30	1	"	D	Stony topsoil 3; soft brown shale 33; brown hard limestone 93. Water at 93.
LR	" 2	W. Jackson	"	Jun. 14, 1965	4	12	25	12	"	D	Sand 22; sand gravel 30; brown soft shale 41; brown hard rock 96. Water at 96.
LR	" 2	A. Bishop	"	Jun. 18, 1965	4	15	25	12	"	D	Sand stones 4; brown rock 102. Water at 102.
LR	" 3	R. Emery	"	Oct. 6, 1966	4	15	25	Flows	"	D	Sand gravel stones 8; shale 32; brown soft rock 92. Water at 92.
LR	" 4	L. Leutchford	"	May 6, 1965	4	15	30	"	"	D	Sand stones 12; brown hard shale 30; brown hard rock 91. Water at 91.
LR	" 30	H. Busse	"	June 5, 1967	4	6	"	Flows	"	D	Topsoil 1; sand stones 7; clay sand stones 12; sand 29; blue clay 38; hardpan sand streaks 52; brown soft shale 54; brown hard shale 56; brown soft rock 57. Water at 57.
LR	" 31	R. Dalgleish	"	May 31, 1967	4	12	21	"	"	D	Clay stones 10; sand 34; gravel 42; hardpan 51; gravelly hardpan 53; brown hard rock 114. Water at 114.
LR	" 37	University of Toronto	"	May 20, 1964	4	6	50	3 1/2	"	P	Gravel fill 4; sand stones 15; hardpan stones 29; soft clay 66; gravel clay 69; brown grey limestone 123; grey hard limestone 140. Water at 140.
LR	" 48	H. Jones	"	May 12, 1965	5	3	120	"	"	D	Sand gravel 3; clay hardpan stones 44; hard brown rock 97; hard grey rock 130; hard white brown rock 190; hard brown rock 217. Water at 50 and 160.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Cape Croker Indian Reserve.										
Con II lot 7	L.Hill	D.Wright	May 24, 1966	5						Top clay 11; grey shale 30; blue shale 45; red shale 53. Dry hole.
Con II " 7	"	"	May 30, 1966	5	< 1		10	Fresh	D	Top brown clay 11; grey shale 30; blue shale 45; red shale 48. Water at 32.
Con XXIII " 10	Owen Sound Ledgerrock	"	May 25, 1966	5	10	60	12	"	In	Topsoil 3; limestone 10; bluish white limestone 70; brown limestone 84. Water at 75.
Carrick Twp.										
	J. Keip & E. Kuntz	G.L. Davidson	June 3, 1964	5	15	9	5	Fresh	D	Stony gravel 7; grey hard limestone 32; red soft shale 35; brown hard limestone 87. Water at 87.
Con A lot 30	E. Schill	E. Keeso	July 1, 1964	4	15	8	4 1/2	"	D	Gravelly clay 19; hard brown shale streaks hard white limestone 70; hard brown limestone 104. Water from 100 to 104.
Con A " 31	J. Rich	G.L. Davidson	Sep. 22, 1966	4	12	68	64	"	D	Topsoil 4; hardpan 59; gravel 63; stony hardpan 115; brown limestone 174; grey limestone 182. Water at 182.
Con B " 35	B. Patterson	"	June 7, 1965	4	30	35	5	"	D	Topsoil 2; till gravel 20; sandy clay stones 34; soft brown shale 40; hard brownish grey rock 57; hard grey soft layers rock 97. Water at 97.
Con C " 6	M. Harnack	Durham Drlg. & Enterprises Ltd.	Nov. 17, 1967	4	15	54	48	"	D, S	Topsoil 3; sandy clay 20; grey sandy clay 60; hardpan clay 80; hard brown clay 96; shale 120; hard brown rock 136. Water from 110 to 136.
Con C " 11	L. Batte	G.L. Davidson	July 21, 1965	4	12	25	15	"	D, S	Clay 12; sand gravel 20; hardpan 37; marl 55; brown soft shale 70; brown soft rock 105. Water at 105.
Con C " 20	A. & P. Hubachek	E. Keeso	Aug. 15, 1964	4	15	12	8	"	D	Coarse yellow gravel 32; hard brown shale 40; hard blue brown limestone 98. Water from 90 to 98.
Con D " 16	G. Schaefer	"	Oct. 22, 1966	4	10	44	21	"	D, S	Clay gravel 8; gravel stones 16; hardpan boulders 26; brown shale 37; hard brown limestone 67. Water at 65 and 67.
Con D " 24	A. Fischer	"	Aug. 6, 1964	4	12	41	40	"	D, S	Clay 41; sandy clay 152; sandy gravel 164; blue hard limestone 171. Water at 171.
Con D " 27	Mildmay-Carrick Central School	Water Well Drlg.	Nov. 8, 1965	7	55	43	43	"	P	Topsoil 1; sand 110; gravel 121; hard grey limestone 252; blue shale 270; grey limestone 274; brown limestone 296; blue limestone 318. Water at 171, 252 and 312.
Con III " 5	G. Nichel	"	Sep. 7, 1965	4	10	27	27	"	D, S	Topsoil 1; gravel stones 47; brown limestone 135. Water at 135.
Con III " 8	E. Schumacher	"	Nov. 3, 1964	5	8	30	20	"	S	Clay stones 15; gravel hardpan 51; brown limestone 128. Water at 126.
Con III " 33	V. Dickert	E. Keeso	Aug. 17, 1966	4	16	12	11	"	D, S	Clay stones 24; hardpan boulders 51; brown shale 72; brown limestone 88. Water from 81 to 88.
Con V " 1	F. Haezle	Water Well Drlg.	July 23, 1964	4	8	60	60	"	D, S	Topsoil 6; clay gravel 65; hardpan 80; gravel 104; brown limestone 145. Water at 145.
Con VI " 26	M. Poerster	E. Keeso	Oct. 8, 1965	4	15	34	28	"	D, S	Clay stones 19; soft clay 44; hardpan stones 62; brown shale 76; brown limestone 89. Water from 87 to 89.
Con VIII " 4	J. Breig	"	Apr. 18, 1967	4	12	38	31	"	D, S	Hardpan gravel boulders 37; yellow shale 42; yellow limestone 106. Water at 106.

Culross Twp.  
Con A



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Culcross Twp. - cont.										
Con II lot 31	B.King	G.L.Davidson	Aug.13,1964	4	30	20	Flows	Fresh	D,S	Topsoil 1;sand clay hardpan stones 21;hardpan 24;quicksand 43;sand gravel boulders 81;sand stony hardpan 145;shale 163; brown soft limestone 185. Water at 185.
Con IV " 7	R.Dobson	"	Mar.14,1967	4	5	36	25	"	D,S	Sand gravel 10;loose brown shale 23;soft white loose rock 36;light brown soft limestone 72;red soft shale 77;cream hard limestone 96. Water at 96.
Con VII " 23	E.Gray	E.Keeso	Jun. 3,1966	4	20	38	36	"	S	Gravel stones 28;gravel 41;sandy gravel 57;yellow shale 67; yellow limestone 100. Water at 100.
Con IX " 17	McDonald Bros.	G.L.Davidson	Sep. 7,1966	4	10	31	15	"	D,S	Topsoil 1;clay 23;sand 34;hardpan stone 40;stony gravel 49; brown rock 91;blue rock 97. Water at 97.
Con X " 31	E.Green	"	Nov.18,1966	4	10	52	50	"	D,S	Sand gravel 20;red clay 42;sand gravel 72;loose brown rock 87;brown rock 131. Water at 131.
Con XI " 15	A.Volsin	"	Aug.21,1967	4	12	64	52	"	D,S	Sand 4;gravel hardpan stones 28;clay marl 48;brown soft shale 94;brown medium hard limestone 139. Water from 135 to 139.
Con XII " 3	E.Beninger	"	June19,1964	4	20	63	60	"	D	Dug well 44;hardpan 74;hard brown shale 123;hard brown limestone 126. Water from 123 to 126.
Con XIII " 12	A. Thacker	"	Oct.19,1966	4	10	30	27	"	D,S	Dug well 21;hardpan 60;brown rock 96. Water at 96.
Con XIV " 3	G.Benninger	"	Sep.27,1966	4	6	34	28	"	D,S	Topsoil 1;clay stones gravel 12;broken shale 30;grey medium hard limestone 102;brown medium soft limestone 127. Water at 127.
Con XV " 9	F.Gies	"	Nov.24,1964	4	20	30	25	"	D,S	Topsoil 1;brown clay 6;sand hardpan gravel 25;hardpan stones 59;brown grey shale 64;grey rock 88;brown rock 97. Water at 97.
Con XV " 20	D.Donaldson	"	Feb.14,1964	4	12	20	11	"	D	Dug well 12;sand 48;marl 54;quicksand 82;marl 93;brown shale 104;brown rock 129. Water at 129.
Eastnor Twp.										
BRE Con I lot 15	E.Slocum	A.Wright	Aug.17,1966	5	8	30	22	Fresh	D,S	Sand 7;white limestone 50. Water at 49.
BRE Con III " 25	A.Brough	D.Wright	Mar.31,1967	5	10	15	4	"	D	Clay gravel 6;grey limestone 50;blue limestone 84. Water at 50 and 79.
BRE Con III " 25	J.Bowden	"	Apr. 5,1967	5	3	35	3	"	D	Clay gravel 8;grey limestone 54. Water at 49.
BRE Con IV " 35	D.Aschroft	R.&S. Wright	Aug.11,1966	5	8	56	15	"	S	Grey limestone 70;blue shale rock 76. Water from 70 to 76.
BRE Con V " 11	A.Libby	D.Wright	June27,1967	5	7	20	9	"	C	Clay stones 4;bedrock 80;blue shale 85. Water at 40 and 82.
BRE Con V " 18	A.Stewart	R.&S. Wright	Aug. 3,1966	5	5	75	15	"	D,S	Topsoil 4;heavy blue clay sand 17;white limestone 61;dark limestone 103. Water at 61 and 103.
BRE Con V " 31	F.Cottle	D.Wright & Sons	May 15,1965	5	2		18	"	D	Grey limestone 45;blue shale 70;hard black shale 79;red shale 90. Water from 70 to 79.
BRE Con V " 31	E.Szult	"	May 22,1965	5	8	38	28	"	D	Shore gravel 15;grey limestone 58;blue shale 70;hard black shale 80. Water at 75.
BRE Con V " 31	B.Stewart	"	May 27,1965	5	4	70	22	"	D	Shore gravel 18;grey limestone 45;blue shale 60;black shale 70. Water at 55.
BRE Con V " 32	H.Warder	"	June18,1965	5	3	100	18	"	D	Brown limestone 42;blue shale 60;red shale 101. Water at 40 and 70.



BRUCE COUNTY - cont.  
Eastnor Twp. - cont.  
Bury Road East cont.  
BRE Con V lot 33

Bury Road East cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
Eastnor Twp. - cont.										
Bury Road West cont.										
BRW Con IV lot 38	W. Finch	R.&S. Wright	Sep. 4, 1964	4	4	60	25	Fresh	D	Topsoil stones 3; grey limestone 71. Water at 70.
BRW Con IV " 39	E. Grantham	L.&A. Wright	Mar. 31, 1964	5	12	64	12	"	D	Topsoil loose stones 4; dark rock 64. Water at 60.
BRW Con IV " 39	B. Scott	"	Apr. 23, 1964	5	5	70	12	"	D	Loose stones 3; grey limestone 70. Water at 60.
BRW Con IV " 39	E. Thompson	"	May 15, 1965	5	4	60	6	"	D	Stones 5; limestone 60. Water from 55 to 60.
BRW Con IV " 39	G. Hurley	R.&S. Wright	July 19, 1965	5	10	35	15	"	D	Topsoil stones 2; grey limestone 60. Water at 58.
BRW Con IV " 39	D. Myers	"	July 23, 1965	4	10	25	10	"	D	Limestone 53. Water at 47 and 53.
BRW Con IV " 39	L. Schroeder	W. Wright	Aug. 5, 1967	5	2	75	16	"	D	Loose limestone 18; solid limestone 88. Water at 55 and 85.
BRW Con V " 1	C. Moarthur	D. Wright & Sons	Sep. 24, 1965	5	5	25	8	"	D	Grey limestone 62. Water at 58.
BRW Con V " 1	W. Lawrence	"	Sep. 28, 1965	5	10	20	8	"	D	Grey limestone 68. Water at 63.
BRW Con V " 2	B. Harrison	R.&S. Wright	July 20, 1964	4	5	50	15	"	D	Topsoil 1; hard dark limestone 67. Water at 56 and 67.
BRW Con V " 2	G. Cowan	"	July 24, 1964	4	10	15	10	"	D	Topsoil 1; dark hard limestone 42. Water at 40 and 42.
BRW Con V " 38	Ont. Dept. of Lands & Forests	W. Wright	Oct. 10, 1967	5	14	60	1	"	E	Limestone 102. Water from 60 to 95.
BRW Con VI " 2	C. Soveriegn	D. Wright & Sons	Oct. 10, 1966	5	18	12	12	"	D	Loose limestone 20; solid limestone 60. Water at 55.
BRW Con VII " 5	A. Fraser	R.&S. Wright	June 28, 1965	5	12	16	7	"	D	Stones 3; white limestone 28; grey limestone 55. Water at 48.
BRW Con VII " 5	K. Hawthorne	D. Wright & Sons	July 1, 1965	5	5	30	8	"	D	Loose limestone 17; solid grey limestone 55. Water from 40 to 50.
BRW Con VII " 5	L. Barker	L.&A. Wright	July 8, 1965	5	2	67 1/2	6	"	D	Brown rock 67 1/2. Water at 30.
BRW Con VII " 5	E. Heywood	R.&S. Wright	May 23, 1967	5	4	68	"	"	D	Grey limestone 50; brown limestone 75. Water at 72.
BRW Con VII " 6	M. Forbes	D. Wright & Sons	Apr. 21, 1966	5	5	50	8	"	D	Grey limestone 61. Water from 45 to 57.
BRW Con VII " 6	"	"	Apr. 25, 1966	5	5	50	15	"	D	Loose limestone 12; grey limestone 71. Water from 50 to 65.
BRW Con VI " 20	E. Hibbert	W. Wright	Sep. 19, 1966	5	4	60	10	"	D	Loose grey limestone 26; solid grey limestone 68. Water at 64.
BRW Con VII " 6	E. Seim	D. Wright & Sons	Sep. 28, 1966	5	5	65	5	"	D	Grey limestone 77. Water from 65 to 70.
Parker Island	L. Weinmann	L.&A. Wright	Oct. 2, 1964	5	4	65	12	"	D	Topsoil 2; grey limestone 68. Water at 65.
Parker Island	B. Brown	R.&S. Wright	Dec. 20, 1965	5	10	20	15	"	D	Topsoil 2; white limestone 30. Water at 28.
Parker Island	L. Weinmann	A. Wright	Sep. 26, 1966	5	5	144	5	"	D	Limestone 144. Water from 141 to 144.
Tamarack Island	J. H. Devitt	R.&S. Wright	Nov. 17, 1964	4	4	70	10	"	D	Stones sand 4; grey limestone 30; dark grey limestone 85. Water at 65 and 85.
Elderslie Twp.										
Con II " 11	A. McCombie	G. L. Davidson	Aug. 6, 1965	5	10	60	47	"	D	Blue clay 47; sand 92; sand gravel 114. Water at 114.
Con III " 23	L. Stephenson	Pratts Well Drlg.	July 4, 1966	4	5	78	14	"	D	Blue clay 178; sand gravel 207; grey hard rock 227. Plugged 114.
Con V " 13	W. Reid	A. Loucks	Jan. 7, 1966	4	5	50	10	"	D, S	Blue clay 86; blue limestone 108. Water at 108.
Con VI " 13	P. McCoy	Durham Drlg. & Enterprises Ltd.	Aug. 12, 1966	4	10	45	35	"	D, S	Gravel 20; clay fine gravel 165; coarse gravel 175. Water from 170 to 175.
										Topsoil 1; brown clay stones 105; brown sand 130; blue shale 148; brown rock 158. Water from 150 to 158.

BRUCE COUNTY - cont.  
Elderslie Twp. - cont.  
Con XII lot 10

Con XI	11	C. McCallum	Durham Drlg. & Enterprises Ltd.	Jan. 11, 1965	4	10	22	22	Fresh	D,S	Dug well 18; sand 35; hardpan 110; hardpan boulders 140; grey limestone 160. Water at 160.
Con XIII	12	K. Farrow	A. Loucks	Oct. 23, 1967	5	5	70	40	"	D	Topsoil 5; sand 40; hardpan 120; hardpan boulders 155; grey limestone 179. Water at 178.
Con XIII	18	R. Slumskie	G.L. Davidson	Sep. 21, 1967	4	10	12	10	"	D,S	Clay gravel 90; yellow hardpan 161; grey limestone 186. Water from 175 to 186.
Con XIII	28	H. Powell	Durham Drlg. & Enterprises Ltd.	July 26, 1966	4	4	70	20	"	D	Boulders 2; red clay 18; blue clay 36; sand gravel 76; quicksand 84; sand gravel 128; hardpan 138; gravel 139. Water at 139.
Con XIII	30	L. Osborne	"	Nov. 13, 1965	4	15	40	20	"	D	Topsoil 1; gravel boulders 30; sand gravel 60; gravel stones 80; hard white rock 188. Water from 170 to 188.
Con XIV	25	F. Holdingsa	"	Nov. 11, 1964	4	12	40	30	"	D,S	Topsoil 1; gravel sand 25; clay sand 60; hardpan 78; brown limestone 105. Water from 95 to 105.
Saugeen Road East Range A	lot 24	J. Bryce	G. L. Davidson	Aug. 10, 1965	5	10	78	76	Fresh	D,S	Topsoil 1; hardpan stones 33; hard white limestone 110; brown limestone 133. Water from 110 to 130.
Range A	26	M. Metzinger	"	Oct. 10, 1967	5	5	130	90	"	D,S	Red clay 5; blue clay 51; hardpan 62; blue clay 96; black clay 98; gravel coarse sand 102. Water at 102.
Range B	35	H. Grant	Durham Drilling & Enterprises Ltd.	Dec. 22, 1964	4	10	50	50	"	D,S	Hardpan stones 62; blue clay 88; marl 96; sand clay streaks 146; coarse sand 148; coarse gravel 149. Water at 148.
											Boulders gravel 25; hardpan 60; hardpan boulders 100; sand 115; clay 160; hardpan boulders 220; hardpan 261; blue limestone 271. Water at 270.
Greenock Twp. Con A	lot 10	A. Spitzig	Durham Drlg.	May 16, 1964	4	15	40	37	Fresh	D,S	Topsoil 1; large stone clay 18; sandy clay 50; sand 61; stony clay 75; sand 98; grey rock 111. Water at 106.
Con A	11	L. Kelly	G.L. Davidson	Aug. 18, 1964	4	10	58	48	"	D,S	Topsoil 1; brown clay 18; gravel stones hardpan 89; grey shale 95; grey hard limestone 146; brown hard limestone 155. Water at 155.
Con A	23	Cargill Catholic Church	"	Feb. 28, 1964	4	12	49	31	"	P	Topsoil 2; stones fill 5; stony sand gravel 24; stony hardpan 59; grey medium hard shale 65; grey brown hard rock 123. Water from 91 to 123.
Con II	20	M. MacDonald	"	Sep. 14, 1966	4	15	21	16	"	D,S	Topsoil 1; sand fine gravel 15; quicksand 33; clay marl 40; stony hardpan 48; gravel 55; brown loose shale 57; brown medium hard limestone 126. Water at 126.
Con V	8	C. Spitzig	Durham Drlg. & Enterprises Ltd.	Sep. 26, 1967	4	15	34	30	"	D,S	Topsoil 1; clay boulders 26; hardpan 42; rock 49; clay gravel 62; rock 64; clay sand 65; brown rock 107. Water from 100 to 107.
Con VI	6	H. Walters	"	May 19, 1964	4	20	35	23	"	D	Topsoil 4; grey clay 50; sand 60; gravelly clay 65; brown rock 79. Water from 65 to 70.
Con VI	6	R.C. Central Separate School	G.L. Davidson	Oct. 13, 1965	5	30	55	34	"	P	Topsoil 1; clay sand 14; red clay 20; blue clay 26; sand gravel clay 47; hardpan sand stones 64; coarse gravel 68; brown loose shale 80. Water at 80.
Con VI	6	C. Diebold	E. Keeso	Mar. 31, 1966	4	14	32	28	"	D	Gravel clay 24; hardpan 46; brown shale 76; grey limestone 110. Water from 106 to 110.
Con VII	15	M. Valad	Durham Drlg. & Enterprise Ltd.	Sep. 7, 1966	4	8	35	24	"	D,S	Gravel 25; sand 60; gravel stones 99; hard brown rock soft layers rock 160. Water from 150 to 160.
Con IX	11	W. Schmidt	G.L. Davidson	Oct. 18, 1966	4	12	45	35	"	D,S	Gravel 12; sand 32; quicksand 44; sand gravel 108; marl clay 132; sand gravel 138; brown limestone 164. Water at 164.
Con IX	15	A. Cameron	"	Dec. 7, 1966	4	10	24	20	"	D,S	Red sand 2; white sand 12; marl 70; sand gravel 100; soft grey rock 113; grey hard rock 152. Water at 152.
Con XI	4	E. Bester	"	Aug. 31, 1966	4	15	19	16	"	D,S	Sand 28; sand gravel 72; hardpan 82; brown soft shale 86; brown hard rock 120. Water at 120.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Greenock Twp.-cont.										
Con XI lot 15	A.Cameron	Durham Drlg.& Enterprises Ltd.	June30,1967	4	20	30	27	Fresh	D,S	Topsoil 3;sandy clay 20;soft grey clay 100;gravelly clay 110; sand gravel 135;brown rock 145. Water at 140 and 145.
Con XII "	3 C.Elphick	G.L.Davidson	Aug.12,1967	4	9	37	20	"	D,S	Sand gravel 16;hardpan 22;sand 32;gravel 58;hardpan 78;limestone grey-brown hard. Water at 125.
Con XIII "	1 R.Cramm	R.Gadke	May 26,1967	5	15	10	Flows	"	D,S	Hardpan boulders 29;brown limestone 61. Water from 59 to 61.
Con XIII "	6 R.Sawyer	G.L.Davidson	Aug. 3,1967	4	12	38	12	"	D,S	Sand gravel 16;sand 34;sand gravel 55;shale 63; brown hard limestone 120. Water at 120.
Con XIII "	9 C.McKinnon	"	July 8,1966	4	15	30	29	"	D	Red sandy clay 16;blue clay 38;marl clay 140;stony hardpan clay sand 200;brown white hard rock 232. Water at 232.
Con XV "	9 G.Wilson	K.Mighton	May 7, 1964	4	15	15	12	"	D,S	Topsoil 2;gravel 20;clay 35;sand 50;clay 55;sand 59;brown hard grey rock 80. Water at 71.
Con XV "	11 S.Sawyer	Durham Drlg. & Enterprises Ltd.	June26,1967	4	20	15	2	"	D,S	Topsoil 3;grey clay 40;sand stone 75;brown rock 83. Water from 75 to 82.
Con XIX "	10 M.Young	G.L.Davidson	Nov.15,1966	4	10	35	32	"	S	Fill 2;clay 18;sand 81;sandy hardpan 97;grey brown hard rock 142. Water at 142.
DRS Con I "	30 P.Paradis	E. Keeso	Sep.28,1964	4	15	22	16	"	D	Brown clay boulders 42;hardpan gravel 64;hard brown limestone soft streaks 121. Water at 115 and 121.
DRS Con I "	40 A.Brown	G.L.Davidson	Jan.13,1965	4	10	50	43	"	D,S	Sand gravel 51;gravel stones 69;clay hardpan shale 104;soft brown rock 157. Water at 157.
48 Hepworth Village										
	Hepworth P.O.	D.Wright & Sons	Apr.11,1964	5	10	40	32	Fresh	P	Sand 14;brown limestone 92. Water from 60 to 88.
	L.Smith	"	Oct.15,1964	5	10	50	35	"	D	Sand gravel 18;brown limestone 81. Water from 70 to 80.
	D.Kreutzwieser	"	Oct.23,1964	5	10	70	30	"	D	Sand gravel 20;limestone 92. Water from 80 to 90.
	B.Westlake	"	Jan. 5,1965	5	5	35	35	"	D	Clay gravel sand 22;brown limestone 82. Water from 60 to 80.
	Bell Telephone Co.	"	Mar. 1,1965	5	5	50	35	"	P	Sand gravel clay 22;brown limestone 85. Water from 65 to 80.
	J.Atcheson	"	Mar. 5,1965	5	8	35	30	"	D	Sand gravel clay 22;brown limestone 90. Water from 65 to 85.
	L.Bathwell	"	Mar.20,1965	5	10	40	30	"	D	Sand gravel 17;brown limestone 80. Water from 65 to 75.
	T.McIness	"	June24,1965	5	5	40	35	"	D	Sand 12;brown limestone 78. Water at 73.
	E.Doubt	"	July10,1965	5	10	60	50	"	D	Sand 22;limestone 90. Water from 65 to 85.
	J.Kocker	"	Dec.27,1966	5	12	45	33	"	D	Sand 33;limestone 100. Water from 90 to 95.
	W.Sinclair	W.Wright	Jan.26,1967	5	10	30	22	"	D	Sand 22;brown limestone 95. Water at 90.
	C.Seigris	R.&S.Wright	Apr.29,1967	5	18	20	15	"	D	Sand 4;grey limestone 75. Water at 63 and 74.
Huron Twp. Lake Range										
lot 1	G.Elliott	G.L.Davidson	June22,1966	5	15	50	3	Fresh	D	Fill sand gravel 6;clay 137;stony hardpan 161;gravelly hardpan 170;loose shale 176;brown medium hard limestone 178;loose soft brown rock 189;brown medium hard limestone 201. Water from 189 to 201.

BRUCE COUNTY - cont.  
Huron Twp. - cont.

LR	lot										
LR	1	L.Rosinke	G.L.Davidson	Oct.31,1966	5	15	75	1	Fresh	D	Sand 9;blue clay 112;gravelly clay 148;stony hardpan 162; gravelly clay 178;clay shale 189;shale brown soft rock 209. Water at 209.
LR	4	P.Gerster	"	July 20, 1967	6½	40	25	Flows	"	D	Gravel sand 6;stony blue clay 38;blue marl hardpan 111;blue clay 132;silty sand gravel 164;stony hardpan 171;brown soft shale 177;brown hard limestone 221;sand 268. Water at 221 and 268. Well capped.
LR	5	W.F.Schiel	"	July 19, 1967	6½	Flows		"	"	D	Sand gravel 6;blue clay 12;hardpan sand clay stones 62;quick-sand sand gravel 116;hardpan gravel 174;soft brown shale 186; brown soft limestone 202;brown medium hard limestone 243. Water from 216 to 243.
LR	8	P.Gerster	"	June 25, 1966	6½	20	36	"	"	D	Sand gravel stones 10;hardpan stones 40;quicksand 66;clay gravel 96;sand clay gravel stones 146;hardpan 154;brown soft shale 181;brown hard limestone 187;fractured dark brown soft rock 206. Water at 206.
LR	9	V.Brown	"	Apr. 20, 1964	4	20	25	"	"	D	Sand gravel 16;hard clay 48;sand 68;clay sand 78;clay gravel 92;blue clay 114;sand 132;brown soft shale 201. Water at 201.
LR	17	P. Smith	"	May 25, 1965	4	10	100	"	"	D	Sand gravel 17;blue clay 108;sand gravel clays 178;brown soft shale 230. Water at 230.
LR	24	R.Brenner	"	Apr. 30, 1964	6	20	30	"	"	D	Sand 20;blue clay 138;gravel clay 158;brown soft shale 207. Water at 207. Well capped.
LR	28	G.Emmerton	"	Apr. 23, 1965	4	20	40	"	"	D	Sand 16;blue clay 148;sand gravel 158;hardpan 172;brown soft shale 196. Water at 196.
LR	33	G.McLean	"	June 8, 1966	4	10	100	65	"	D	Topsoil 1;blue clay 212;hardpan sand gravel 230;stony hardpan 272;hard brown limestone 278;brown soft shale 308. Water at 308.
LR	36	J.Lynd	"	July 11, 1964	4	18	50	Flows	"	D	Sand 12;sand gravel 18;brown clay 34;sand 58;blue clay 137; sand gravel stones 189;soft brown shale 206;soft brown rock 230;hard brown rock 232. Water at 232.
LR	41	Bruce Beach Well Fund	"	May 14, 1964	6			"	"	D	Sand 14;blue clay 132;clay gravel 156;sand 174;brown soft shale 250. Water at 200 and 250.
LR	43	J.McIntyre Sec Treas.North Bruce Beach Water Ass.	"	May 28, 1964	4			"	"	P	Sand 16;blue clay 106;sand 118;sand gravel 186;brown soft shale 207;brown soft rock 234. Water at 234.
LR	50	Bruce Beach Well Group	"	Sep. 29, 1964	4	30	20	"	"	D	Sand gravel 14;blue clay 106;sand 136;hardpan 178;brown soft shale 223. Water at 223.
LR	50	J.Pattison	"	June 27, 1967	4	4	145	87	"	D	Brown clay 18;blue clay 183;stony hardpan 11;hardpan 235; brown soft limestone 277. Water at 277.
LR	51	H.Olleiser	"	July 6, 1964	4	15	22	7	"	D	Sand gravel 8;stony brown clay 14;blue clay 104;sand 180; hardpan 188;sand 204;brown soft shale 230. Water at 230.
LR	60	G.C.Boyer	"	Apr. 28, 1965	5	22	50	42	"	D	Sand 15;sand gravel 33;brown clay stones 36;soft brown clay 40;soft blue clay 63;blue clay stones 94;blue clay stones boulders 123;brown hard shale 135;light brown medium hard rock 172;dark brown medium hard rock 217. Water at 217.
LR	60	L.Hutton	"	Aug. 25, 1967	7½	55	31	"	"	D	Topsoil 1;sand gravel 18;clay 62;soft clay sand 89;stony hardpan sand gravel 112;brown medium to soft limestone 142. Water at 142.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Huron Twp. - cont. LR lot 65	N. MacGregor	G.L. Davidson	Apr. 23, 1965	5	25	30	0	Fresh	D	Sand 2; sand gravel 30; clay stones 78; clay sandy gravel stones 85; clay stones 100; stony hardpan 130; brown hard rock 133; dark brown hard rock 204; dark brown loose rock 209. Water at 209.
Con I " 31	D. Henry	"	Aug. 3, 1967	4	8	87	87	"	D, S	Sand gravel 8; stony hardpan 34; gravel 55; sand 63; coarse gravel 67; hardpan 76; loose brown soft rock 140; brown soft limestone 175. Water at 175.
Con I " 67	R. McNain	"	May 20, 1966	4	10	79	74	"	D, S	Topsoil 1; clay marl 265; brown shale 272; brown hard soft rock 293. Water at 293.
Con I " 71	E. Culbert	"	June 21, 1967	5	15	275	78	"	D	Topsoil 1; brown clay 17; blue clay 241; sand gravel 244; stony hardpan 279; hardpan 294; medium brown shale 296; brown hard soft limestone 322. Water from 320 to 322.
Con I " 78	W. Ferguson	"	Aug. 5, 1964	4	30	85	73	"	D, S	Topsoil 1; brown clay 7; blue clay 183; stony hardpan 225; shale clay 271; brown soft rock 297. Water at 297.
Con II " 39	C. Humphrey	"	Oct. 20, 1967	6	20	100	73	"	D, S	Topsoil 1; brown clay 14; blue clay 212; hardpan 219; hardpan shale 240; brown medium hard limestone 244; brown soft limestone streaks shale 278. Water at 278.
Con III " 8	H. Scott	"	Oct. 8, 1964	4	7	70	60	"	D, S	Brown clay 5; sandy clay 14; blue clay 37; sand gravel 72; brown shale 123; brown rock 142. Water at 142.
Con III " 15	J. Colling	"	Nov. 24, 1966	4	10	60	56	"	D, S	Topsoil 1; brown clay 6; blue clay 36; hardpan 40; loose shale 64; brown hard rock 143. Water at 143.
Con III " 17	W. Black	"	Nov. 27, 1964	4	10	74	64	"	D, S	Black soil 4; stony clay 12; blue clay 34; stony hardpan 53; brown hard rock 115; brown medium hard rock 142; brown soft caving rock 157. Water at 157.
Con V " 14	O. Smith	"	Dec. 3, 1964	4	10	60	45	"	D, S	Topsoil 1; brown clay 19; blue clay 30; clay sand gravel 98; hardpan 104; brown shale 107; brown hard rock 125; blue brown medium hard rock 142. Water at 142.
Con V " 23	I. Wylde	"	Sep. 13, 1966	5	12	55	54	"	D, S	Clay 6; blue clay 51; hardpan 74; brown soft shale 80; brown soft rock 112. Water at 112.
Con V " 25	F. Mitchell	"	Oct. 14, 1964	4	10	86	85	"	D, S	Topsoil 1; clay 76; shale 84; brown soft rock 142. Water at 142.
Con V " 26	L. Ferguson	"	Oct. 15, 1964	4	10	95	86	"	D, S	Topsoil 1; clay 87; loose brown shale 95; brown soft rock 149. Water at 149.
Con V " 36	Pine River Cheese Factory	"	May 19, 1966	6 1/2	100	120	60	"	C	Blue clay 136; hardpan sand gravel 148; quicksand 158; gravel sand 191; brown soft shale 200; brown soft rock shale seams 253. Water from 240 to 253.
Con VI " 10	J. Gamble	"	Nov. 11, 1966	4	14	50	40	"	D, S	Topsoil 1; sand 7; clay 28; clay stones 39; stony hardpan 90; brown hard rock 107; brown medium soft rock 141. Water at 141.
Con VII " 10	W. Forster	"	Nov. 22, 1966	4	10	35	33	"	D, S	Brown clay 9; blue clay 78; clay stones 54; hardpan 100; brown hard rock 115; brown medium hard rock 157. Water at 157.
Con VII " 33	L. Walden	"	June 11, 1965	4	15	100	87	"	D, S	Topsoil 1; brown clay 30; blue clay stones 137; stony hardpan 191; white brown soft shale 225; brown medium hard rock 250. Water at 250.
Con VIII lot 34	D. Henderson	G.L. Davidson	Nov. 3, 1965	4	12	100	92	Fresh	D, S	Brown clay 15; blue clay 184; stony hardpan 210; brown white shale 218; brown soft limestone 242. Water at 242.
Con X " 6	N. Stanley	"	Sep. 8, 1966	4	30	12	43	"	D, S	Topsoil 1; brown clay 8; clay 19; clay stones 70; sand marl 83; gravel 94; broken brown limestone 102. Water at 102.
Con X " 23 1/2	W. Lowry	"	June 19, 1967	5	10	64	61	"	D, S	Topsoil 1; clay 14; clay stones 60; coarse gravel stones 128; brown soft shale 131; loose brown soft rock 141; brown soft limestone 149. Water at 149.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
BRUCE COUNTY - cont. Kincardine Twp. - cont.										
Con A lot 70	B. McPherson	Durham Drlg & Enterprises Ltd.	May 17, 1967	4	20	20	15	Fresh	D	Stones rocks 7; yellow brown rock 85. Water from 80 to 85.
Con C " 58	E. Avery	G.L. Davidson	Sep. 14, 1965	4	15	68	60	"	D, S	Topsoil 1; brown stony clay 14; blue clay 68; sand gravel 80; gravel 98; gravelly hardpan 112; hardpan 143; white brown shale 148; light brown medium hard limestone 201. Water at 201.
Con V " 33	C. Manshanden	"	Nov. 18, 1966	4	15	40	37	"	D, S	Topsoil 1; brown clay 14; blue clay 28; soft clay marl sand streaks 91; gravel 96; sandy hardpan stones 183; hardpan 198; brown white shale 207; broken brown limestone 210. Water at 210.
Con VII " 5	D. Green	"	Oct. 13, 1967	4	30	50	49	"	D, S	Topsoil 1; brown clay 18; blue clay 34; sand 44; blue clay 96; hardpan 117; clay 135; sand gravel streaks 139; hardpan 146; brown medium limestone 186. Water at 186.
Con VII " 7	L. Husk	"	Dec. 5, 1966	4	10	65	58	"	D, S	Topsoil 1; sandy clay 18; quicksand 31; clay 68; soft sandy clay 92; sand gravel 98; hardpan 130; brown medium soft rock 174. Water at 174.
Con VII " 20	W. Campbell	"	Nov. 4, 1967	4	12	75	70	"	D, S	Clay 12; sand gravel 15; hardpan gravel stones 42; hard sand gravel stones 176; brown clay 180; silty gravel 186; brown soft limestone 216. Water at 216.
Con X " 1	C. McKay	"	Aug. 22, 1967	4	23	17	13	"	D, S	Topsoil 1; clay sand 34; clay 48; sand 60; sand gravel 64; stony hardpan 155; brown hard soft limestone 187. Water at 187.
Con XI " 2	J. Campbell	"	Aug. 23, 1967	4	13	45	38	"	D, S	Topsoil 1; clay 28; sand 31; clay 34; sand gravel 100; hardpan 143; brown medium hard limestone 185. Water at 185.
Con XII " 28	W. Colwell	"	Sep. 16, 1966	4	12	19	18	"	D, S	Brown clay 8; blue clay 23; sand gravel streaks 115; marl sand 136; brown clay 141; hardpan sand 157; brown medium soft rock 217. Water at 217.
Durham Road South DRS Con I " 52	G. King	"	Sep. 19, 1966	4	17	16	8	"	D	Topsoil 1; clay 4; sand 8; clay 36; stony hardpan 62; brown hard rock 68; brown medium soft rock 82. Water at 82.
DRS Con II " 41	S. Armstrong	"	May 3, 1965	4	5	100	50	"	D	Topsoil 1; sand 6; brown clay 18; blue clay 63; soft blue clay 84; stony hardpan 122; brown shale 125; brown rock 202. Water at 202.
DRS Con II " 57	A. Blackwell	"	Mar. 12, 1965	4	10	32	21	"	D, S	Brown clay 18; sand gravel 24; blue clay 50; hardpan 110; brown hard rock 172. Water from 160 to 172.
DRS Con III " 51	A. Collins	"	Aug. 10, 1966	4	20	30	25	"	D, S	Topsoil 1; brown clay 43; marl 62; clay stones 87; soft clay 92; marl sand 109; broken brown limestone 127. Water at 127.
Kinloss Twp. Con I lot 22	J. DeBoer	G.L. Davidson	July 16, 1964	4	36	20	14	Fresh	D, S	Sandy clay stones 19; gravelly hardpan 23; stony hardpan 53; grey brown shale 80; brownish grey rock 93; brown medium hard rock 127. Water from 115 to 127.
Con I " 39	J. Dixon	"	May 30, 1966	4	12	40	20	"	D	Yellow sand 12; sandy gravel stones 40; quicksand 90; sand gravel stones boulders 138; gravel rock 140. Water at 140.
Con II " 19	F. McKenzie	"	Jan. 5, 1964	4	12	85	80	"	D, S	Gravel hardpan stones 120; hardpan boulders 158; sand rough stony gravel 184; brown soft rock 210. Water at 210.



BRUCE COUNTY - cont.  
Kinloss Twp. - cont.

Con III	lot 28	A. Lennips	G.L. Davidson	Mar. 17, 1966	4	25	80	19	Fresh	D, S	Topsoil 2; sand clay 64; hardpan 85; stony hardpan sand 133; brown medium soft rock 187. Water at 187.
Con IV	" 5	R. Gilchrist	"	Aug. 23, 1966	4	23	37	35	"	D, S	Topsoil 2; red clay 18; gravel 19; blue clay 33; sand gravel 58; hardpan gravel sand 94; stony hardpan 123; brown hard rock 145; brown soft rock 162. Water at 162.
Con IV	" 9	R. MacDougall	"	Sep. 13, 1966	4	15	21	20	"	D, S	Gravel 50; stony hardpan 61; gravel 148; stony hardpan 158; gravel stones hardpan brown soft shale 161. Water at 161.
Con V	" 30	R. Stewart	"	Aug. 27, 1964	4	10	84	78	"	D, S	Gravel sand stones 40; quicksand 60; hard white sand 94; brown clay 98; sand 108; soft brown clay 138; hardpan 164; brown shale 167; brown soft limestone 205. Water at 205.
Con VI	" 32	B. Sutton	"	Jan. 31, 1964	4	9	85	65	"	D, S	Sand 16; clay 20; sand gravel stones 60; stony hardpan 110; brown soft shale 121; brown soft limestone 185. Water at 185.
Con X	" 15	D. McInnes	"	Nov. 10, 1966	4	13	40	40	"	D, S	Dug well 29; clay 34; gravel 49; clay 72; brown soft rock 153; blue hard rock 158. Water at 158.
Con XI	" 10	A. Haldenby	"	Nov. 1, 1966	4	12	40	39	"	D	Dug well 27; blue clay 38; gravel sand clays 70; hardpan 85; grey hard rock 147. Water at 147.
Con XI	" 19	I. McParlan	"	July 31, 1964	4	10	40	34	"	D, S	Topsoil 2; brown clay 5; sand 19; clay hardpan stones 69; shale clay 79; grey hard rock 137; brown soft rock 142. Water at 142.
Con XII	" 3	G. McDonald	"	Jan. 15, 1965	4	30	50	40	"	D, S	Brown clay 12; blue clay 30; sandy stony hardpan 79; stony hardpan boulders 113; dark brown shale 116; brown hard limestone 136. Water at 136.
Con XII	" 19	A. Richardson	"	July 29, 1964	4	10	45	35	"	D	Sandy clay 17; sand 31; blue clay 37; sand hardpan boulders 77; grey hard shale 83; grey hard rock 88; brown grey medium hard rock 135. Water at 135.

Lindsay Twp.  
Bury Road East

BRE Con I	lot 8	W. Barney	R. & S. Wright	Aug. 10, 1967	5	27	22	18	Fresh	D	Topsoil 6; brown limestone 50. Water at 38.
BRE Con I	" 25	J. White	D. Wright & Sons	June 9, 1964	5	3	90	8	"	D	Stony clay 17; grey limestone 91. Water at 68 and 86.
BRE Con I	" 25	I. Lozon	"	June 29, 1966	5	10	35	17	"	D	Blue clay 30; boulder clay 35; brown limestone 92. Water at 88.
BRE Con II	" 5	M. Hayes	"	June 17, 1967	5	14	20	3	"	C	Clay 3; grey limestone 78. Water at 72 and 40.
BRE Con III	" 1	R. Akerman	"	July 4, 1966	5	1	54	4	"	D	Grey limestone 54. Water at 50.
BRE Con IV	" 32	P. Racette	"	July 3, 1965	5	3	60	6	"	D	Fill 1; grey limestone 63. Water at 50.
BRE Con V	" 8	E. Ceasar	R. & S. Wright	Nov. 19, 1965	5	1	96	15	"	D	Topsoil stones 6; grey limestone 87; hard blue shale 96. Water at 90.
BRE Con VI	" 43	E. Boyle	D. Wright & Sons	Dec. 1, 1966	5	14	5	4	"	D, S	Topsoil 1; grey limestone 75; blue shale 78; hard brown rock 111. Water at 100.
BRE Con IX	" 34	A. Laur	"	July 10, 1965	5	2	65	12	"	D	Gravel boulder 30; blue shale 65. Water at 50.
BRE Con IX	" 34	L. Lynch	"	July 14, 1965	5	2	65	12	"	D	Clay gravel boulders 30; blue shale 65. Water from 55 to 60.
BRE Con X	" 37	S. Peake & E. Ledden	R. & S. Wright	May 31, 1967	6	1	57	14	"	D	Stones 4; limestone 30; blue shale 60. Water at 14.
BRE Con XVII	" 48	J. Whitsitt	"	May 27, 1967	5	10	14	14	"	D	Stones 16; brown sand 24; grey clay 45; red clay 50. Water at 24.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* ( depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Lindsay Twp. - cont. Bury Road West										
BRW Con I lot 7	O.Boos	W.Wright	Aug.12,1967	5	7	120	50	Fresh	D	Clay 6;limestone 148. Water from 110 to 135.
BRW Con I " 24	N.Henderson	D.Wright & Sons	Aug. 6,1964	5	5	50	15	"	D	Clay boulders 13;brown limestone 65;grey limestone 93. Water from 60 to 90.
BRW Con I " 24	E.Letourneau	R.&S. Wright	Nov. 7,1964	4	15	25	10	"	D	Topsoil stones 5;hardpan clay 15;hard stony clay 20;hard grey limestone 50;blue limestone 81. Water at 80.
BRW Con I " 24	R.Noble	D.Wright	Oct. 6,1966	5	5	25	12	"	D	Boulders clay 18;brown limestone 72. Water at 65.
BRW Con I " 24	C.Noble	R.&S. Wright	Sep.14,1965	4	7	40	24	"	D	Topsoil 2;hardpan small stones 15;grey limestone 85. Water from 65 to 85.
BRW Con II " 6	C.Smith	D.Wright	July 8,1966	5	2	75	7	"	D	Boulders gravel 11;brown limestone 45;blue limestone 78. Water at 65.
BRW Con II " 23	T.Seip	"	Nov.11,1966	5	5	16	4	"	D	Grey limestone 78. Water at 65.
BRW Con VIII " 24	R.Covert	L.&A. Wright	July 8,1964	5	10	55	6	"	D	Loose stones 2;grey limestone 55. Water at 45.
Lions Head Village	V.Whestly	D.Wright	Apr.11,1967	5	10	9	9	Fresh	D	Shore gravel 17;washed gravel 35. Water from 17 to 35.
Lucknow Village										
Bob Street lot 425	Village of Lucknow	G.L.Davidson	Apr.13,1967	6	300	28	16	Fresh	F	Sand gravel 22;hardpan stones 58;brown clay sand 90;sand gravel 102;loose shale brown soft rock 146;soft brown rock 156;brown medium hard rock 193. Water at 193.
Bob Street " 425	"	"	May 4, 1967	8	503	35	15	"	F	Sand gravel 22;hardpan stones 58;brown clay sand 90;sand gravel 102;hardpan stones 136;loose shale brown soft rock 146;brown soft rock 156;medium hard brown rock 193. Water from 156 to 193.
St. Edmunds Twp. Bury Road East and West										
BRE Con I lot 8	Ont.Dept. of Highways	R.&S.Wright	Mar. 7,1967	6	15	30	15	Fresh	F	Dark topsoil 2;white limestone 60;grey limestone 110;brown limestone 145. Water at 110 and 140.
BRE Con I " 10	"	D.Wright & Sons	Aug.27,1965	6	10	40	23	"	P	Loose rock 2;shaky limestone 35;hard brown limestone 98. Water at 60 and 95.
BRE Con IX " 1	F.Schragmer	L.&A. Wright	July29,1965	5	6	50	25	"	D	White limestone 56. Water from 50 to 54.
BRW Con I " 31	J.Ball	D.Wright & Sons	July23,1965	5	5	75	4	"	D	Loose grey limestone 20. Water from 45 to 90.
BRW Con I " 49	R.Edmondstone	A.Wright	Nov.26,1966	5	5	145	4	"	D	Clay stone 9;white limestone 100;dark brown rock 145. Water 142.
BRW Con I " 50	Tobermory Rotary Park	D.Wright & Sons	Nov.20,1964	5	10	60	12	"	P	Limestone 130. Water from 60 to 125.
BRW Con II " 29	W.Wiggs	"	June 9,1967	5	2	65	2	"	D	Brown limestone 18;grey limestone 70. Water at 45 and 65.

BRUCE COUNTY - cont.  
St. Edmund Twp. - cont.  
Bury Road West cont.  
BRW Con GI lot 44

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BRW Con II	" 50	O. Shepphard	D. Wright	July 27, 1967	5	3	80	6½	"	D	Topsoil 2; white limestone 72; brown limestone 82. Water at 40 and 72.
BRW Con III	" 4	J. Wilson	W. Wright	May 9, 1967	5	15	8	1	"	D	Gravel clay 4; grey limestone 60; brown limestone 100. Water at 60 and 95.
BRW Con III	block 4	G. Adams	A. Wright	Apr. 25, 1967	5	6	127	18	"	D	Sand 15; gravel 19; dark brown limestone 50; creamy brown limestone 77. Water at 72.
BRW Con III	lot 29	D. Webster	D. Wright & Sons	June 22, 1964	5	5	18	6	"	D	Pill 4; limestone 80; dark rock 127. Water at 120.
BRW Con IV	" 29	J. Walters	"	Oct. 29, 1966	5	8	12	6	"	D	Loose limestone 15; solid limestone 64. Water from 55 to 60.
BRW Con IV	" 39	B. Robinett	W. Wright	Aug. 20, 1967	5	5	60	6	"	D	Shaley rock 3; brown limestone 74. Water at 74.
BRW Con IV	" 39	E. Ralph	D. Wright & Sons	Apr. 22, 1965	5	3	20	3	"	D	Limestone 79. Water from 60 to 65.
BRW Con IV	" 39	B. Lee & M. Gehres	W. Wright	Aug. 9, 1966	5	21	12	6	"	D	Limestone 67. Water from 30 to 60.
BRW Con IV	" 59	J. Janaske	"	Sep. 21, 1966	5	21	10	7	"	D	Loose limestone 20; hard limestone 70. Water at 65.
BRW Con IV	" 39	W. Renouf	D. Wright	Nov. 1, 1965	5	5	60	5	"	D	Loose limestone 20; solid limestone 68. Water from 40 to 65.
BRW Con IV	" 39	G. Race	W. Wright	Aug. 26, 1967	5	3	65	6	"	D	Loose limestone 15; grey limestone 68. Water from 50 to 65.
BRW Con IV	" 39	H. Race	"	Sep. 9, 1967	5	14	70	6	"	D	Limestone 76. Water from 65 to 70.
BRW Con IV	" 39	W. Gerard	"	Sep. 18, 1967	5	2	70	6	"	D	Limestone 79. Water from 70 to 75.
BRW Con V	" 1	B. Harrison	A. Wright	July 31, 1967	5	8	65	23	"	D	Limestone 79. Water from 70 to 75.
BRW Con V	" 3	H. Huber	"	Aug. 4, 1967	5	16	30	10	"	D	Dark brown rock 69. Water at 65.
BRW Con V	" 20	E. Snyder	"	Aug. 19, 1967	5	12	30	5	"	D	Dark brown rock 54. Water at 50.
BRW Con V	" 25	H. Bowman	R. & S. Wright	July 10, 1967	5	5	32	8	"	D	Limestone 51. Water at 48.
BRW Con V	" 28	M. Turner	"	May 21, 1964	4	10	25	10	"	D	Shore stones 2; brown limestone 56; white limestone 76. Water at 53 and 76.
BRW Con V	" 29	J. Harris	"	May 22, 1964	4	15	25	8	"	D	White limestone 20; grey limestone 66. Water at 55 and 66.
BRW Con V	" 39	W. Humphries	W. Wright	Sep. 14, 1967	5	3	70	6	"	D	White limestone 18; grey limestone 69. Water at 65 and 69.
BRW Con VI	" 18	A. Ferguson	L. & A. Wright	July 4, 1965	5	5	69	7	"	D	Limestone 81. Water from 70 to 75.
BRW Con VI	" 44	R. Sheuse	D. Wright & Sons	May 21, 1965	5	4	30	4	"	D	Sand stones 4; brown rock 69. Water at 60.
BRW Con VII	" 17	L. Wells	R. & S. Wright	July 12, 1966	5	6	65	10	"	D	Limestone 54. Water from 35 to 50.
BRW Con VIII	" 1	E. Stephenson	D. Wright & Sons	July 18, 1964	5	3	45	3½	"	D	Stones topsoil 8; hard dark limestone 76. Water at 74.
BRW Con VIII	" 1	A. Lawson	"	July 31, 1964	5	2½	50	8	"	D	Hard grey limestone streaks brown rock 60. Water at 45.
BRW Con VIII	" 1	G. Smith	"	Aug. 3, 1964	5	7	6	"	"	D	Shale 6; grey limestone 52. Water at 45.
BRW Con VIII	" 1	J. Hilborn	"	Aug. 6, 1964	5	7	14	6	"	D	Shale 4; brown limestone 52. Water at 47.
BRW Con VIII	" 1	G. Tullock	"	Aug. 20, 1964	5	5	16	3	"	D	Brown limestone bedrock 51. Water at 46.
BRW Con VIII	" 1	G. Wickemeyer	"	Aug. 28, 1964	5	3	15	8	"	D	Shale 3; brown limestone 50. Water at 46.
BRW Con VIII	" 1	Bruce Hunt Club	L. & A. Wright	Oct. 13, 1964	5	3	53	10	"	P	Shale 5; brown limestone 55. Water at 48.
Townsite of Tobermory		L. Phelps	D. Wright & Sons	May 15, 1964	5	10	20	7	"	D	Grey limestone 53. Water at 48.
Townsite of Tobermory		A. Adams	R. & S. Wright	June 5, 1964	4	10	60	30	"	D	Grey limestone 103. Water at 98.
Townsite of Tobermory		D. Wallis	"	Oct. 23, 1965	4	3	85	35	"	D	White limestone 25; grey limestone 80½. Water at 62 and 80.
Townsite of Tobermory		L. McKillan	D. Wright & Sons	Nov. 18, 1965	5	5	100	30	"	D	Topsoil hardpan 3; grey limestone 55; white limestone 102.
Townsite of Tobermory		E. Williamson	R. & S. Wright	July 1, 1966	5	12	50	35	"	D	Water at 78 and 102.
Townsite of Tobermory		T. Adams	A. Wright	Oct. 31, 1966	5	6	80	35	"	D	Loose limestone 40; solid grey limestone 120. Water from 90 to 115.
Townsite of Tobermory										D	Topsoil 18; white limestone 35; grey limestone 45; dark limestone 81. Water from 50 to 78.
Townsite of Tobermory										D	Clay stones 14; grey limestone 97. Water at 96.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
St. Edmunds Twp.	A. Whipp	A. Wright	Feb. 15, 1967	5	6	104	21	Fresh	D	Grey limestone 104. Water at 65 and 97.
Townsite of Tobermory	G. Jensen	W. Wright	Feb. 21, 1967	5	14	100	36	"	D	Loose limestone 60; solid limestone 130; brown limestone 160. Water at 130 and 155.
Townsite of Tobermory	Community Centre	A. Wright	Apr. 5, 1967	5	6	120	6	"	P	Fill 2; limestone 120. Water from 115 to 120.
Townsite of Tobermory	M. Hopkins	"	July 10, 1967	5	8	70	33	"	D	Limestone 50; brown rock 76. Water at 60.
Townsite of Tobermory	T. Green	D. Wright	Aug. 2, 1967						N	Grey limestone 55; brown limestone.
Townsite of Tobermory	T. Green	D. Wright	Aug. 10, 1967							Grey limestone 50. Abandoned.
Townsite of Tobermory	"	"	Aug. 18, 1967	5	7	55	30	"	D	Grey limestone 46; brown limestone 50; mucky brown limestone 93. Water at 85.
Townsite of Tobermory	B. Cleavand	"	Aug. 31, 1967	5	2 1/2	90	42	"	D	Grey limestone 39; brown limestone 150; dark brown limestone 160. Water at 70 and 157.
Townsite of Tobermory	Centennial Park	"	Sep. 13, 1967	5	7	80	40	"	P	Grey limestone 40; white limestone 90; brown limestone 135; white limestone 151. Water at 70 and 145.
Saugeen Indian Reserve	B. Richards	R. & S. Wright	June 18, 1965	5	15	80	12	Sulphur	D	Stones sand 15; grey clay stones 62; brown sand 70; grey clay 128; brown limestone 135; grey limestone 150. Water at 140.
Saugeen Twp.										
Saugeen Road West										
SRW Con A lot 5	S. Howe	G. L. Davidson	Aug. 5, 1966	5	10	125	122	Fresh	D, S	Red blue clay 78; stony blue clay 108; hardpan 113; blue soft marl 128; blue clay 143; hardpan 182; red shale 184; blue shale 194; dark brown rock 199. Water at 199.
SRW Con A " 6	T. Bender	"	Aug. 26, 1966	4	8	140	117	"	D, S	Clay 26; gravelly hardpan stones 118; clay 139; hardpan clay 164; hardpan 175; loose shale brown rock 182. Water at 182.
SRW Con A " 10	G. McIntosh	"	Oct. 6, 1967	4	6	130	50	"	D, S	Topsoil 1; sandy clay 19; sand clay hardpan gravel stones 53; hard cemented sand 138; clay stones 160; sand stones 182; sandy hardpan stones 206; brown white limestone 238; brown grey limestone 247. Water from 238 to 247.
SRW Con A " 11	E. Fraser	"	Jan. 20, 1966	4	10	112	103	"	D, S	Topsoil 1; clay hardpan sand quicksand 128; gravel 131; clay 140; hardpan 163; gravel 164; red shale 176; blue caving rock 174. Water at 174.
SRW Con A " 28	J. Cobean	Durham Drig. & Enterprises Ltd.	Oct. 14, 1966	4	12	40	20	"	D, S	Topsoil 1; brown clay 190; sand 203; brown shale 280; grey rock 292. Water from 275 to 292.
Con I " 8	R. Ransome	G. L. Davidson	July 25, 1964	4	9	120	114	"	D, S	Blue clay 8; clay sand 38; blue clay 78; sand clay stony hardpan 182; brown soft shale 185; brown hard limestone 227. Water at 227.
Coh III " 19	K. McKinnon	"	Oct. 19, 1967	4	10	72	72	"	S	Blue clay 38; clay gravel 68; sand marl 108; clay 112; marl 144; brown soft shale 148; brown medium hard rock 166. Water at 166.
Con IV " 20	R. Turnbull	Durham Drig. & Enterprises Ltd.	July 31, 1964	4	10	80	60	"	D, S	Soft clay 85; sandy clay 90; soft grey clay 220; sand 222; shale 228; grey rock 248. Water from 228 to 248.

BRUCE COUNTY - cont.											
Saugeen Twp. - cont.											
Con V	lot 8	Tri-par Golf	G.L.Davidson	July 8, 1966	6	20	21	10	Fresh	P	Sand gravel stones boulders 12; clay sand 22; sand 54; fine gravel 57. Water at 57.
Con V	" 9	V. Baker	"	Nov. 16, 1967	4	15	97	88	"	D, S	Sand 14; quicksand 18; marl 86; sand gravel quicksand 144; brown shale 152; blue rock 178; red shale 205. Water at 205.
Con VI	" 8	Tri-par Golf	"	July 14, 1966	6	20	10	4	"	P	Sand gravel 16; sand 64; gravel 66. Water at 66.
Con VI	" 9	D. Giddings	A. Loucks	June 27, 1966	4	10	30	20	"	P	Till 2; sand 30; gravel 37. Water from 30 to 37.
Con VI	" 12	Stafford Farms	"	Sep. 14, 1966	5	10	75	50	"	D, S	Sand gravel boulders 120; coarse gravel 126. Water from 120 to 126.
Con VI	" 17	I. Thede	G.L.Davidson	Aug. 15, 1964	5	10	98	82	"	D, S	Sandy gravel 38; sand 58; quicksand 66; marl 160; hardpan sand clay stones 160; gravel 162. Water at 162.
Con VII	" 9	R.J. Bell	"	Aug. 17, 1964	7	13	35	27	"	C	Sand 27; quicksand 36; gravel 37. Water at 37.
Con VIII	" 12	L. Thede	"	Aug. 31, 1965	4	6	98	85	"	D, S	Sand 44; sand gravel 58; quicksand 84; blue clay 92; sand gravel 124; soft blue clay 135; sand gravel 158; brown clay 188; blue shale 194; blue brown rock 200. Water at 200.
Con VIII	" 17	G. Gray	"	Sep. 23, 1965	4	8	70	55	"	D	Sand 28; blue clay 32; marl 48; sand gravel hardpan stones 148; brown clay 184; clay gravel 200; blue soft shale 216. Water at 216.
Con XI	" 12	J. Chappell	Hadco Well Digging Ltd.	June 30, 1965	30	10	13	10	"	D, S	Brown sand 5; sand gravel 25; sandy brown clay 30; bluish brown clay 31. Water from 10 to 25.
Con XIII	" 11	Saugeen Golf Course	G.L.Davidson	Mar. 4, 1966	4	13	90	80	"	P	Gravel 1; quicksand 10; silt sand gravel 47; soft hardpan 55; gravel hardpan streaks 64; hardpan 66; sandy silty gravel 109; hardpan clay 264; brown medium hard rock 315. Water at 315.
Lake Range LR	" 19	R. Cramm	"	July 26, 1966	4	12	25	Flows	"	D	Sand 20; marl 38; gravel sand silt 58; hardpan 72; red blue soft shale 92. Water at 92.
LR	" 63	H. Emmerton	"	Oct. 19, 1965	5	15	50	29	"	D	Topsoil 2; sand gravel 34; clay stones 70; clay stones 98; stony hardpan 124; brown medium hard rock 216. Water at 216.
Tara Village of											
		United Dairy & Poultry Co-op	R. & S. Wright	May 17, 1967	6	50	189	47	Fresh	C	Topsoil hardpan 18; grey limestone 140; blue limestone 175; dark grey limestone 290; light blue limestone 350; light grey limestone 401; hard blue shale 407; hard red shale 410. Water at 56, 175 and 320.
Walkerton Town of											
		Canada Packers	International Water Supply Ltd.	May 11, 1966	12	600	36	Flows	Fresh	In	Fill 1; sandy clay gravel 8; clay sandy clay gravel 20; sandy clay 24; silty sand 49; sand clay gravel 89; hard clay gravel 91; cemented sand gravel 99; coarse sand fine gravel 100. Water from 91 to 100.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY											
Amaranth Twp.											
Con I	lot 1	Greenwood Construction	Ladco Drlg. & Exploration Co.	June 10, 1964	6	60	35	20	Fresh	C	Clay sand 28; gravel sand 52; brown rock 90; grey rock 150; blue white rock 260; white rock 265; grey rock 270; blue shale 275. Water at 90 and from 260 to 265.
Con I	" 1	J. Warnock	"	Nov. 17, 1967	4	5	55	33	"	D	Sandy clay 64; brown limestone 120. Water from 70 to 120.
Con I	" 10	J. Vanommen	C. Smith	Feb. 27, 1964	4	12	19	16	"	D	Dug, tiled well 38; hardpan boulders 96; brown limestone 117. Water from 100 to 117.
Con I	" 16	C. Trimble	G. Tortington	Jan. 24, 1964	36	10	33	21	"	D, S	Topsoil 3; gravel stone 32; sand gravel 36. Water at 33.
Con II	" 6	M. Strilive	Water Well Drlg.	Dec. 17, 1964	5	10	60	40	"	D	Dug well 30; sand 70; gravel 80; brown limestone 185. Water at 180.
Con II	" 14	G. Philips	Ladco Drlg.	Jan. 8, 1966	4	5	25	14	"	D, S	Clay stones 30; sand clay layers 95; clay 98; limestone 185. Water at 182.
Con III	" 1	W. Doedyns	Durham Drlg. & Enterprises Ltd.	Aug. 18, 1965	4	15	45	35	"	D, S	Open hole 12; grey clay 70; grey sand 80; sand gravel 90; sand 110; gravel 120. Water from 115 to 120.
Con III	" 1	J. Buss	Ladco Drilling & Exploration Ltd.	Oct. 26, 1965	4	10	50	45	"	D	Brown clay 15; grey clay stones 153; brown limestone 158. Water at 156.
Con III	" 1	A. DeVogel	"	Nov. 17, 1966	4	5	35	20	"	D	Clay rocks sand layers 80; fine sand gravel 120; grey clay rocks 129; brown limestone 155. Water from 150 to 155.
Con III	" 2	W. Bosman	Durham Drlg. & Enterprises Ltd.	Apr. 23, 1965	4	10	45	40	"	D, S	Dug well 50; hardpan 60; sand clay 110; boulders sand 132; brown limestone 140. Water from 135 to 140.
Con III	" 4	K. McClintock	Lunney Well Drlg.	Nov. 28, 1967	4	11	15	Flows	"	D	Clay 10; gravel 96; limestone 98. Water at 98.
Con III	" 3	R. Jones	Water Well Drlg.	Jan. 17, 1964	5	8	60	60	"	D, S	Topsoil 2; clay gravel 50; sand boulders 110; gravel boulders 121; brown limestone 141. Water at 140.
Con III	" 25	F. Reeves	Vander Boom Well Drlg.	Nov. 23, 1967	6 1/2	40	46	20	"	D	Sand 34; blue clay gravel sand 72; limestone 94. Water at 86.
Con III	" 19	J. Lau	C. Smith	July 2, 1964	4	15	25	18	"	D	Dug well 40; stony clay 75; gravelly clay 80; limestone 98. Water from 90 to 98.
Con IV	" 1	Twp. Amaranth	Ladco Drlg.	Aug. 15, 1964	4	6	70	40	"	P	Clay rocks 90; light grey limestone 135. Water at 95 and 130.
Con IV	" 2	F. Brundle	G. Tortington	Mar. 11, 1967	36	2		5	"	D	Topsoil 2 1/2; white clay sand 12 1/2; clay stone 15. Water at 12.
Con IV	" 7	M. Beckner	Durham Drlg. & Enterprises	July 29, 1965	4	12	38	24	"	D, S	Topsoil 2; hardpan stones 42; sand gravel 51; hard brown rock 101. Water from 90 to 100.
Con IV	" 8	J. Richardson	Water Well Drlg.	May 15, 1964	5	8	80	44	"	D	Fill 3; sand boulders 25; hardpan gravel 60; sand 70; clay sand 75; grey limestone 90; brown limestone 153. Water at 148.
Con IV	" 10	J. Farrar	"	Oct. 7, 1964	4	8	40	28	"	D	Topsoil 2; clay 20; clay sand 60; clay gravel 64; brown limestone 89. Water at 87.
Con IV	" 10	H. Pratt	Ladco Drlg. & Exploration Ltd.	May 31, 1966	4	5	30	20	"	D	Clay 10; sand gravel 20; sand clay layers stones 57; grey limestone 67; brown limestone 85. Water at 83.
Con IV	" 11	W. Langtree	Water Well Drlg.	Apr. 27, 1967	5	20	18	16	"	D	Clay 25; hardpan 44; brown limestone 100. Water at 98.
Con IV	" 20	A. Rentoul	"	Jan. 8, 1965	4	10	24	23	"	D, S	Gravel stones 50; hardpan 75; loose limestone 88; brown greyish limestone 133. Water at 130.
Con IV	" 27	B. Besley	"	Oct. 22, 1966	5	15	22	22	"	D, S	Clay stones 12; fine sand clay 94; loose limestone 96; brown limestone 126. Water at 124.
Con V	" 1	J. Young	Ladco Drlg. & Exploration	Nov. 9, 1964	4	20	20	6	"	D, S	Gravel sand 20; sand 130; grey clay rocks 137; brown limestone 140. Water at 139.
Con V	" 9	M. Cudney	Water Well Drlg.	Nov. 27, 1964	4	8	45	45	"	D, S	Dug well 28; gravel clay 40; hardpan 71; brown limestone 130. Water at 125.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## DUFFERIN COUNTY - cont.

Amaranth Twp. - cont.

Con V	lot 10	B. Menary	Ladco Drilling & Exploration Co.	Nov. 8, 1965	4	10	18	15	Fresh	D	Sand 28; grey clay rocks 60; limestone clay layers 68; light grey limestone 77. Water at 75.
Con V	" 11	J. Dennis	"	Nov. 10, 1965	4	8	50	20	"	D	Sand 20; grey clay rocks 60; light grey limestone 77. Water at 74.
Con V	" 28	M. Godden	Water Well Drlg.	Nov. 9, 1966	5	10	25	23	"	D	Mixed hardpan gravel 64; brown limestone 115. Water at 112.
Con V	" 32	J. Held	Lunney Well Drlg.	July 8, 1967	4	12	12	10	"	D	Grey clay 19; fine sand 30; grey clay 51; limestone 53. Water at 53.
Con VI	" 1	V. Black	Water Well Drlg.	Oct. 9, 1965	4	10	3	3	"	D	Clay gravel 40; hardpan stones 73; sand gravel 116; brown limestone 165. Water at 160.
Con VI	" 5	G. VanGrootheste	Elliott Drlg.	Dec. 23, 1964	4	10	23	16	"	D	Clay 5; clay rocks sand layers 77; limestone 170. Water at 167.
Con VI	" 6	A. Apse	Ladco Drlg.	Nov. 23, 1967	4	10	20	7	"	D,S	Clay gravel rocks 70; light brown limestone 160. Water from 90 to 156.
Con VI	" 11	J. Doodenhoff	Water Well Drlg.	Nov. 16, 1966	5	10	50	47	"	D,S	Dug well 27; sand 65; gravel 80; brown limestone 86; brown limestone 143. Water at 140.
Con VI	" 21	K. Weitman	Durham Drlg. & Enterprises	Aug. 28, 1964	4	20	20	12	"	D,S	Topsoil 3; clay boulders 50; sand gravel 55; brown rock 72. Water from 60 to 72.
Con VII	" 27	F. Pacciolo	Pratt's Well Drlg.	Sep. 17, 1965	4	7	20	19	"	D,S	Old well 16; clay stones 23; brown limestone. Water at 36.
Con VIII	" 6	N. Stein	Water Well Drlg.	Feb. 5, 1964	4	8	40	20	"	D,S	Topsoil 2; clay stones 12; hardpan 80; sand 121; white limestone 140; brown limestone 162. Water at 160.
Con VIII	" 6	"	J. Cudney	June 26, 1965	4	12	20	9	"	D	Clay stones 80; sandy clay 110; grey limestone 150. Water at 150.
Con VIII	" 6	"	Ladco Drlg. & Exploration Co.	Nov. 29, 1965	4	10	40	25	"	D,S	Clay stones 92; light grey limestone 150. Water at 146.
Con VIII	" 30	B. Phillips	"	Nov. 18, 1964	4	6	35	25	"	S	Grey clay rocks 47; brown limestone 54. Water at 52.
Con IX	" 2	A. Rember	Lang Drlg.	Feb. 18, 1965	4	10	10	5	"	D	Clay rocks 14; sand layers, grey limestone 30. Water at 29.
Con IX	" 2	P. Gamble	J. Cudney	Aug. 10, 1966	4	11	40	3	"	S	Stony clay 30; grey limestone 80. Water at 80.
Con IX	" 2	A. Graves	"	Aug. 29, 1966	4	10	40	9	"	D	Yellow clay 45; large stone 50; grey limestone 129. Water below 55.
Con X	" 16	O. East	Ladco Drlg.	Dec. 21, 1965	4	5	50	20	"	D,S	Clay stones 10; gravel 30; clay boulders 68; limestone 175. Water at 172.
Con X	" 18	T. Galbraith	"	Oct. 15, 1966	4	5	40	25	"	D,S	Clay boulders 87; grey limestone 120; light grey limestone 185. Water at 183.
Con X	" 23	K. Mawrzke	Water Well Drlg.	June 10, 1964	7	20	10	10	"	D,S	Gravel boulders 35; grey limestone 95. Water at 94.
East Garafraxa Twp.											
Con A	lot 5	J. Butt	Water Well Drlg.	Sep. 29, 1964	5	8	90	50	Fresh	D,S	Topsoil 2; sand 150; clay sand 190; gravel 222. Water at 222.
Con B	" 3	W. May	Ladco Drlg.	Sep. 20, 1967	4	5	120	47	"	D,S	Old well 51; sand 157; clay rocks 190; brown limestone 265; light grey limestone 328. Water at 210 and 320.
Con B	" 6	J. Lindsey	"	Apr. 16, 1966	4	5	72	60	"	D	Sand 5; gravel 55; sand 117; grey limestone 180. Water at 178.
Con C	" 2	A. Lodder	Water Well Drlg.	Jan. 28, 1964	5	8	32	32	"	D,S	Topsoil 3; gravel 40; sand gravel 60; clay gravel 85; loose crumbling limestone 95; brown limestone 135. Water at 134.
Con D	" 1	Town of Orangeville	International Water Supply Ltd.	Nov. 13, 1964	12	220	71	Flows	"	P	Gravel clay fill 1; silty clay 13; soft silty clay 74; hard brown clay 80; brown grey limestone 180; blue shale. Water at 80.
Con D	" 4	M. Morrow	C. Smith	Apr. 20, 1966	4	10	25	18	"	D	Sandy clay hard boulders 60; shelly limestone gravel 64. Water from 60 to 64.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont. East Garafraxa Twp.- cont.										
Con IX lot 5	A.Roxborough	Ladco Drlg. & Exploration Co.	Aug.15,1966	4	10	130	110	Fresh	D,S	Sand clay layers 135;clay boulders 214;light grey limestone 300;light brown limestone 335. Water at 330.
Con IX " 7	J.McPherson	Graham Well Drlg.	Sep.29,1967	4						Topsoil 1;fine sand grey clay 15;grey clay 95;grey clay stones 230. Dry hole.
Con IX " 9	D.Hazelton	Hadco Well Digging	Sep.14,1965							Topsoil brown loam 4;brown clay 6;grey brown clay 19;grey clay boulders 31. Dry hole.
Con IX " 10	C.McCatty	C.Hill	Apr.21,1965	4	10	82	67	Fresh	D,S	Clay 55;sand 75;gravelly clay 132;grey limestone 194. Water at 194.
Con X " 4	E.Breuerman	Ladco Drlg. & Exploration Co.	Aug.15,1965	4	10	65	50	"	D	Sand clay layers 85;grey clay rocks 140;light grey limestone 290. Water at 195 and 285.
Con X " 6	C.Duncan	Hadco Well Digging Ltd.	Nov.23,1966	24	5	58	42	"	D,S	Topsoil 1;brown clay 3;brown sand 14;brown clay 20;sand 22; brown clay 35;sand 38;clay 49;sand gravel 58. Water at 44.
Con X " 7	G.May	Ladco Drlg. & Exploration Co.	Apr.11,1966	4	10	110	85	"	D,S	Sand 140;grey clay rocks 212;light grey limestone 310;brown limestone 340. Water from 320 to 335.
Con X " 8	Simonin, (FernsideFarm)	"	June29,1967	4	10	130	60	"	D,S	Sand 120;clay rocks 184;light grey rock 235;brown rock 345; blue white rock 400. Water at 287 and 385.
Con X " 16	L.Charters	"	May 15,1965	4	10	60	55	"	D,S	Clay rocks 20;sand 50;grey clay rocks 172;light grey limestone loose 208;solid light grey limestone 218;soft white limestone 225. Water at 218.
Con X " 18	A.Platt	"	Nov. 1,1964	4	6	75	65	"	D,S	Brown clay 6;grey clay rocks sand layers 134;brown limestone 180;light grey limestone 232. Water at 225 and 230.
Con XI " 4	J.Ashdown	Graham Well Drlg.	Dec.15,1964	5	10	80	68	"	D,S	Soft stony clay 40;clay sand 120;hard packed sand 160;clay gravel 170;hard packed sand 190;grey rock 240;light grey stone 260. Water at 256.
Con XI " 5	G.May	Ladco Drlg. & Exploration Co.	June23,1967	4	10	115	93	"	D,S	Sand 140;clay rocks 198;grey limestone 208. Water at 204.
Con XI " 14	G.Thumber	J.Cudney	July13,1966	4	9	70	60	"	D	Stony clay 65;sandy clay 85;grey limestone 110;white limestone 180. Water at 180.
Con XII " 9	L.Gear	"	Sep.17,1966	4	6	70	70	"	D	Stony clay 180;grey limestone 250. Water at 250.
Con XIII " 2	D.Bullock	Ladco Drlg. & Exploration Co.	Feb.24,1966	4	10	87	87	"	D,S	Clay sand layers 20;sand clay layers 180;clay stones 205;grey limestone 250;brown limestone 300. Water at 190 and 300.
Con XIII " 7	J.Bayne	"	Nov.24,1964	4	10	50	39	"	D,S	Brown clay 22;sand 150;grey clay rocks 173. Water from 290 to 295.
Con XIV " 1	W.Ingle	"	Mar.13,1965	4	6	115	90	"	D,S	Sand 175;grey clay rocks 204;light grey limestone 260. Water from 250 to 257.
Con XIV " 5	E.Garafraxa School Board	"	Dec.19,1964	5	20	90	65	"	P	Sand small clay layers 180;grey clay rocks 235;light brown limestone 290. Water from 280 to 290.
Con XIV " 5	W.Edwards	G.Tortington	May 31,1967	36	2		25	"	D	Topsoil 3;clay stone 32;clay gravel 35. Water at 33.
Con XIV " 15	G.Kennedy	C.Hill	Oct.25,1965	4	10	60	Flows	"	D	Stony clay 35;gravel 39;grey rock 150. Water at 150.
Con XIV " 15	E.Adams	Water Well Drlg.	Sep.16,1966	5	15	42	42	"	D	Hardpan 52;boulders gravel 108;sand clay mixed 130;grey limestone 132;brown limestone 203. Water at 298.
Con XV " 1	A.Strebel	Ladco Drlg. & Exploration Co.	Mar. 5,1966	4	8	90	87	"	D,S	Sand clay layers 120;clay stones 205;grey limestone 250; brown limestone 295. Water at 293.
Con XV " 10	H.Hillis	"	Dec.19,1967	4	10	50	12	"	D,S	Clay rocks 70;sand 90;clay rocks 108;light grey limestone 225. Water from 216 to 220.

\* See end of Appendix C for the meanings of abbreviations and symbols.



DUFFERIN COUNTY - cont.										
East Garafraxa Twp.-cont.										
Con XVI	lot 1	G.Dyer	Ladco Drlg. & Exploration Co	Feb.29,1964	4	10	55	47	Fresh	D,S Sand clay layers 150;grey clay rocks 214;blue white limestone 285. Water from 265 to 285.
Con XVI	" 12	J.Brower	Water Well Drlg.	Mar.23,1964	6	20	55	55	"	D,S Hardpan 60;clay 115;hardpan 163;brown limestone 222. Water at 222.
Con XVI	" 13	C.Cowan	"	Feb. 7,1967	5	15	46	34	"	D,S Topsoil 4;stones 28;sand gravel 94;hardpan 136;brown crumbling limestone 144;brown limestone 212. Water from 210 to 212.
Con XVII	" 3	L.Smith	Ladco Drlg. & Exploration Co.	Oct. 5,1964	4	10	55	50	"	D,S Brown clay rocks 10;sand 60;grey clay rocks 182;light grey limestone 189. Water at 188.
Con XVII	" 7	J.Cornielias	"	Apr. 9,1965	4	10	65	60	"	D,S Clay rocks 35;sand 100;grey clay rocks 193;light grey limestone 200. Water at 197.
Con XVIII	" 8	C.Fergus	"	Nov.22,1966	4	8	80	75	"	D,S Gravel 25;brown clay 35;sand 75;grey clay boulders 100;fine sand 130;grey clay 198;brown limestone 250. Water at 249.
Con XIX	" 3	E.Henry	"	Dec.13,1965	4	7	89	75	"	D,S Gravel 55;sand 105;grey clay rocks 227;light brown limestone 237. Water at 234.
Con XIX	" 4	R.Roberts	"	Aug.18,1967	4	4	43	26	"	D,S Sand small clay layers 150;clay rocks 186;brown rock 200. Water at 195.
Con XIX	" 4	S.Flook	"	Aug.27,1966	4	7	20	18	"	D Gravel 50;sand 85;clay boulders 143;brown limestone 175. Water at 173.
East Luther Twp.										
Con II	lot 32	P.Wells	J.Cudney	July 9,1964	4	8	60	35	Fresh	S Clay large stones 63;grey limestone 98. Water at 97.
Con IV	" 30	J.Gawrylki	Ladco Drlg. & Exploration Co	Apr. 6,1966	4	5	10	Flows	"	D Gravel stones 18;grey limestone 100. Water from 95 to 100.
Con V	" 30	B.Nimmo	J.Cudney	May 15,1965	4	10	55	50	"	D Sandy clay 20;gumbo sticky clay 30;hard clay 70;stony clay 77;grey limestone 185. Water at 185.
Con V	" 31	A.Looby	"	May 21,1965	4	7	80	35	"	D Previously drilled 159;grey limestone 200. Water at 200.
Con VI	" 25	W.McMahon	Ladco Drlg. & Exploration Co.	Mar.25,1965	4	10	30	18	"	D,S Old well 17;grey clay rocks 30;sand 35;grey clay rocks 76; grey limestone 170. Water at 90 and 165.
Con VI	" 30	Twp. of East Luther	"	July20,1967	4			Flows	"	F Stones clay layers 17;gravel 22;limestone 150. Water from 140 to 145.
Con VIII	" 22	S.Jeanmonod	Graham well Drlg.	July30,1965	4	8	60	23	"	D,S Topsoil 1;brown clay stones 23;grey clay stones 104;dark limestone 167. Water at 167.
Con IX	" 25	J.Tait	Durham Drlg. & Enterprises Ltd.	Feb. 8,1965	4	10	12	5	"	D,S Topsoil 3;hardpan boulders 25;clay 30;hardpan boulders 64; brown limestone 80;reddish grey limestone 87. Water at 86.
Con XI	" 28	M.Bruce	J.Cudney	May18, 1964	4	11	40	24	"	D Clay 30;gravelly clay 40;grey limestone 95. Water at 95.
Con XIII	" 28	E.Hansen	S.McCauley	June21,1965	7	8	70	5	"	D,S Topsoil 1;yellow clay 22;blue clay 62;limestone 92. Water at 80.
Grand Valley Village										
		R.Woods	J.Cudney	May 27,1964	4	7	70	24	Fresh	D Dug well 25;stony clay 76;grey limestone 145. Water at 145.
		W.Nurse	"	July14,1965	4	10	60	42	"	D Clay large stones 77;grey limestone 140. Water at 140.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY -cont. Grand Valley Village-cont.		M.Kalapaca	J.Cudney	Aug.20,1965	4	11	60	35	Fresh	D	Sandy clay 10;stony clay 74;grey limestone 157. Water at 157.
		A.Mennery	"	Aug. 2,1965	4	10	40	14	"	D	Gravelly clay 32;blue limestone 65. Water at 65.
		M.Stuckey & G.Stuckey	"	July 5,1965	4	12	35	9	"	D	Gravel large stones 39;grey limestone 75. Water at 75.
		K.Beam	Ladco Drlg. & Exploration Co.	Dec.14,1965	4	5	100	50	"	D	Clay stones 48;gravel 60;clay 73;limestone 205. Water at 170 and 202.
		M.Francis	J.Cudney	Sep. 9,1965	4	7	60	40	"	D	Dug well 27;gravelly clay 66;hard blue limestone 107. Water at 107.
		G.Binnie	"	Sep.25,1965	4	10	60	42	"	D	Clay large stones 67;hard blue limestone 110. Water at 110.
		G.V.District High School	"	Aug.26,1965	4	7	80	55	"	D	Previously drilled 182;grey limestone 228. Water at 228.
		C.Churly	Water Well Drlg.	Feb.16,1966	4	10	25	25	"	D	Sand 20;hardpan boulders 59;grey limestone 90. Water at 88.
		G.&G.Riley	J.Cudney	June17,1966	4	10	22	10	"	D	Gravel 15;hardpan 40;grey limestone 75. Water at 75.
		L.Menary	"	June24,1966	4	10	40	18	"	D	Dug well 25;stony clay 40;blue limestone 88. Water at 85.
		G.Clayton	"	July 4,1966	4	11	20	6	"	D	Stony clay 30;hard grey limestone 75. Water at 75.
		K.Goddard	"	Aug. 4,1966	4	10	38	32	"	D	Clay large stones 55;grey limestone 100. Water at 100.
		E.Montgomery	"	Oct.18,1966	4	7	40	26	"	D	Stony clay 50;grey limestone 97. Water at 97.
29	Melancthon Twp.										
	Con I lot 7	B.Corbett	Durham Drlg. & Enterprises	Jan. 8,1965	4	12	50	40	Fresh	D	Open hole 15;sandy clay 35;boulders 37;hard brown rock 65. Water from 37 to 65.
	Con I " 7	B.Corbett & R.Patterson	"	Mar.12,1965	5	15	28	15	"	P	Open hole 20;hard brown clay 30;brown sand 38;hard brown rock 57. Water from 45 to 57.
	Con I " 8	C.Redmond	Pratt's Well Drlg.	Sep.22,1965	4	7	19	11	"	D,S	Clay 10;hardpan clay 28;brown limestone 58;blue shale 60. Water at 60.
	Con I " 11	K.Kirkpatrick	Durham Drlg. & Enterprises Ltd.	Sep.29,1967	4	15	26	18	"	D	Topsoil 1;stones hardpan 25;sand gravel 35;brown limestone 52. Water from 48 to 52.
	Con I " 14	J.Ross	Ladco Drlg. & Exploration Co.	Sep. 7,1966	4	7	70	65	"	D	Clay rocks 123;grey limestone 130. Water at 127.
	Con I " 14	G.MacKay	H.Hammers	May15, 1965	6	40	10	3	"	D	Red clay shale 16;red shale 33. Water at 16.
	Con I " 14	O.Erwin	K.Mighton	Nov.15,1966	4	14	52	42	"	D	Topsoil 1;sandy clay 38;gravel 42;shale 75;coarse sand gravel 76. Water from 75 to 76.
	Con I " 15	L.Hislop	Pratt's Well Drlg.	Nov. 8,1965	4	7	49	47	"	D	Clay 6;gravel 35;brown loose rock 67. Water at 67.
	Con I " 26	A.Rutledge	K.Mighton & Sons	Sep.11,1967	4	6	30	18	"	D,S	Topsoil 1;large stones clay 15;grey shale 22;white limestone brown layers 134. Water at 50,72,108,125,134.
	Con I " 31	G.Bozell	Durham Drlg. Enterprises Ltd.	Dec. 7,1965	4	15	18	16	"	D	Topsoil 1;hardpan stones 24;hard brown rock 70. Water from 55 to 70.
	Con I " 32	I.Wienert	W.E.Locker	Feb.25,1965	5			Flows	"	D	Brown clay stones 27;light grey limestone 35. Water at 34.
	Con I " 32	A.Clark	Durham Drlg. Enterprises Ltd.	June14,1966	4	10	20	6	"	D	Topsoil 1;light brown clay 40;brown hardpan 80;brown limestone 100. Water from 95 to 100.
	Con I " 32	R.Maguire	"	May 8, 1967	4	20	35	29	"	D	Topsoil 1;hardpan stones 25;clay gravel 35;grey rock 73. Water from 68 to 73.
	Con II " 11	C.Saul	"	Oct. 2,1964	4	15	26	26	"	D	Topsoil 1;sandy clay 30;boulders sand 35;grey rock 46. Water from 40 to 46.

\* See end of Appendix C for the meanings of abbreviations and symbols.

DUFFERIN COUNTY - cont.  
Melancthon Twp.-cont.

Con II	1st 14	E. Madill	Durham Drlg. & Enterprises Ltd.	Sep. 30, 1964	4	10	24	20	Break	D	Open hole 5; hard brown rock 30; soft blue shale 30. Water from 38 to 39.
Con II	14	E. Lightheart	Lunney Well Drlg.	Nov. 4, 1967	4	6	57	46	"	D	Brown sand 85; grey sand 89; grey gravel 90. Water at 90.
Con II	15	J. Yohum	Pratt's Well Drlg.	Oct. 28, 1965	4	7	51	48	"	D	Dug well 30; gravel 48; brown loose rock 65; blue shale 67. Water at 67.
Con II	8	J. Gallagher	D. Sewell	Aug. 2, 1967	4	8	54	47	"	D	Gravelly clay 15; sand 18; gravel clay 30; sand clay 37; shale rock gravel 43; limestone 60. Water from 30 to 60.
Con II	15	S. Knappit	"	July 29, 1967	4	8	48	46	"	D	Topsoil 2; gravelly clay 12; gravel 17; gravel clay 32; sand 35; gravel clay 42; brown limestone 60. Water at 46.
Con II	23	W. Black	Durham Drlg. & Enterprises	Feb. 4, 1965	4	15	30	24	"	D,S	Topsoil 2; sandy clay 31; brown rock 84. Water from 60 to 84.
Con III	3	B. Little	G. Tortington	Aug. 13, 1966	36	2	20	"	"	D	Clay loam 2; stone clay 15; stone clay shale 28. Water at 14.
Con III	13	A. Reaburn	C. Smith	July 11, 1964	4	10	60	55	"	S	Gravelly clay 20; clay 40; stony clay 57; shelly limestone clay 65; limestone 87. Water from 75 to 87.
Con IV	18	M. Jamieson	Durham Drlg. & Enterprises	Aug. 5, 1965	4	12	35	32	"	S	Topsoil 2; clay 6; boulders clay 18; sandy clay 22; shale 40; brown rock 53. Water from 50 to 53.
Sydenham Road East SRE Con I	224	T. Mearthy	"	July 26, 1967	4	20	16	15	"	D,S	Topsoil 3; sand boulders 25; sand gravel 90; grey sand 98; brown rock 102. Water from 100 to 102.
SRE Con I	234	E. Lisanti	"	Nov. 13, 1964	4	4	60	40	"	D,S	Open hole 18; sandy clay 25; hard yellow sand 60; sandy clay 63; hard grey rock 96. Water from 65 to 96.
SRE Con II	220	A. Kocio	"	Jan. 11, 1967	4	10	10	Flows	"	D	Black loam 10; brown hardpan 20; sand 40; gravel 52. Water at 52.
SRE Con III	6	T. McCue	"	Sep. 1, 1964	4	15	24	26	"	D,S	Topsoil 3; sand gravel 24; gravel boulders 30; sand 36; brown rock 51. Water from 36 to 51.
SRE Con III	19	W. South	"	Sep. 7, 1965	4	15	15	12	"	D,S	Open hole 24; hard brown limestone 51. Water from 48 to 51.
SRE Con V	14	G. Poulton	"	June 11, 1965	4	15	12	11	"	S	Hardpan boulders 23; hard brown limestone 36. Water from 30 to 60.
SRE Con V	19	L. Hunking	"	Sep. 13, 1965	4	15	24	16	"	D,S	Open hole 20; hard brown rock 45; hard grey rock 77. Water from 30 to 75.
SRE Con VI	32	D. Patton	"	July 21, 1967	4	7	60	10	"	D,S	Topsoil 3; yellow sand 10; gravel boulders 25; sandy clay 40; yellow sand 45; hard white rock 128. Water from 110 to 128.
SRW Con I	245	C. Humphrey	"	Jan. 2, 1965	4	15	20	10	"	D,S	Open hole 5; sandy clay 10; hard grey rock 43. Water from 30 to 43.
SRW Con I	25	F. Bumack	"	Aug. 17, 1967	4	40	1	1	"	D	Topsoil 1; gravel clay 20; shale 22; grey rock 34. Water from 30 to 34.
SRW Con I	260	R. Weatherill	"	Sep. 17, 1964	4	10	18	15	"	D	Clay rock 20; gravel 44; rock 50. Water from 40 to 50.
SRW Con I	261	T. Baeburn	"	June 1, 1965	4	20	6	4	"	D	Topsoil 1; hardpan boulders 27; hard brown limestone 36. Water from 30 to 36.
SRW Con I	261	B. Churchill	"	June 17, 1965	4	15	8	5	"	D	Topsoil 1; hardpan boulders 28; hard brown limestone 35. Water at 35.
SRW Con I	286	K. Glasgow	Lunney Well Drlg.	Nov. 25, 1966	4	10	22	10	"	D,S	Dug well 20; clay gravel 22; sand stone clay layers 86. Water at 86.
SRW Con I	300	T. Wheeler	Roth Well Digging	June 18, 1966	30	2	10	"	"	D	Brown clay 22. Water at 10.
SRW Con IV	251	S. Radon	Durham Drlg. & Enterprises Ltd.	Aug. 21, 1964	4	20	16	16	"	D,S	Gravel boulders 48; hard brown limestone 61. Water from 55 to 60.
SRW Con IV	265	P. Litwin	"	Aug. 26, 1964	4	20	16	12	"	D,S	Topsoil 3; clay boulders 48; grey clay 52; hard grey rock 58. Water from 52 to 58.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Melancthon Twp. - cont.										
Sydenham Road West cont.										
SRW Con IV lot 292	G.&H.Wemekamp	Lunney Well Drlg.	June 13, 1967	4	8	21	7	Fresh	S	Sand 4; grey clay 23; limestone 38. Water at 38.
SRW Con VIII " 17	W.Lowson	Durham Drlg. & Enterprises	July 23, 1966	4	10	10	8	"	D,S	Open hole 8; hardpan stones 42; hard grey rock 81. Water from 75 to 81.
SRW Con IX " 13	W.Kosbab	"	July 2, 1964	4	20	35	15	"	D,S	Topsoil 3; clay boulders 34; grey rock 76. Water from 70 to 76.
SRW Con X " 8	K.Peters	K.Mighton & Son	Sep. 15, 1966	4	4	23	18	"	D	Topsoil 1; red clay layers shale 11; red shale 24; brown shale layers red shale 48; brown shale 50. Water from 24 to 50.
Mono Township										
Huronario Street East										
HSE Con I " 1	W.Rhodes	C. Smith	Mar. 21, 1964	4	3	100	60	"	D	Clay stones 25; yellow clay 39; grey limestone 55; red shale 65; blue shale 120. Water from 75 to 120.
HSE Con I " 1	H.Repke	"	June 6, 1964	4	6	81	79	"	D	Gravel 20; stony clay 50; limestone 95. Water from 85 to 95.
HSE Con I " 1	R.Boys	Durham Drlg. & Enterprises	July 24, 1965	4	8	75	72	"	D	Topsoil 4; yellow sand 44. Water from 90 to 112.
HSE Con I " 1	N.Shanty	"	May 11, 1966	4	10	72	68	"	D	Topsoil 1; clay 64; grey limestone 100; red shale 116. Water from 110 to 116.
HSE Con I " 1	A.Gielmanns	Lunney Well Drlg.	July 14, 1966	4	7	66	58	"	D	Clay 22; gravel 45; brown limestone 72; shale 86. Water at 72.
HSE Con I " 1	K.McKibbin	Water Well Drlg.	June 29, 1967	4	15	80	68	"	D	Clay 22; hardpan 39; brown limestone yellow shale 108. Water at 108 and 134.
HSE Con I " 1	D.Manning	"	July 27, 1967	4	8	68	67	"	D	Clay 25; gravel clay rock 47; limestone 83. Water at 83.
HSE Con I " 1	D.Robbie	Belmont Drlg.	Sep. 31, 1967	5	4	90	78	"	D	Yellow clay 17; boulders clay 35; yellow clay stones 54; loose limestone 64; solid limestone 95; blue red shale 118. Water at 118.
HSE Con I " 2	J.Hand	Lunney Well Drlg.	June 30, 1967	4	4	74	73	"	S	Grey clay gravel 55; sandstone 86. Water at 86.
HSE Con I " 5	D.Douglas	Ladco Drlg. & Exploration	May 30, 1967	4.5	2	200	140	"	D	Gravel rocks 72; sand 90; clay rocks 144; red shale 300. Water at 190 and 280.
HSE Con I " 11	E.Simson	Lunney Well Drlg.	Dec. 12, 1967	4	7	59	42	"	D	Gravel 55; quicksand 66; gravel 70. Water at 70.
HSE Con I " 25	P.Fillsworth	Water Well Drlg.	Jan. 9, 1967	5	15	80	70	"	D	Sand 52; gravel boulders 107; brown limestone 125; grey limestone 166. Water from 162 to 166.
HSE Con I " 32	Ont.Christian Assembly	Ladco Drlg.	Sep. 20, 1965	5	12	165	140	"	F	Clay stones 6; sand 65; grey clay stones 110; sand 120; grey clay stones 145; light grey limestone 205; red shale 250. Water at 180 and 240.
HSE Con III " 1	W.Holmes	Water Well Drlg.	July 20, 1965	5	8	90	80	"	D	Gravel boulders 70; gravel sand 120; gravel small stones hardpan 160; red blue shale 192. Water from 185 to 191.
HSE Con III " 1	E.Bauer	"	Sep. 17, 1965	5	8	70	43	"	D	Hardpan boulders 108; gravel boulders 145; blue shale 200. Water from 180 to 200.
HSE Con III " 9	E.Lackman	C.Smith	June 18, 1964	4	8	40	25	"	D	Stony clay 10; clay 25; fine gravelly clay 92; fine gravel 95. Water from 92 to 95.
HSE Con III " 10	V.Barbeau	Lunney Well Drlg.	Aug. 3, 1967	4	4	60	1	"	D	Sand 76; gravel 77. Water at 77.
HSE Con III " 13	A.Wiley	Belmont Drlg.Co.	May 21, 1966	7	5	115	100	"	D	Clay stones boulders 35; brown building sand 180; quicksand 230; blue clay 240; fine coarse gravel 251.
HSE Con III " 14	R.Hood	C. Smith	Aug. 11, 1965	4	7	70	45	"	D	Clay gravel stones 50; gravelly clay sand layers 70; hard blue shale 85; red shale 95. Water from 80 to 95.

DUFFERIN COUNTY - cont.

Mono Twp. - cont.

Essex Street East cont.

HSE Con III lot 18 Mono Twp.

HSE Con III	19	C. Donaldson	Lunney Well Drlg.	July 22, 1966	4	10	20	11	"	D	Building sand 17; gravel boulders 25; limestone shelf 30; fine sand 4; limestone 60; limestone crevice gravel broken rock 60; Water at 68.
HSE Con III	19	G. Holmes	"	Aug. 23, 1967	4	12	40	35	"	D	Gravel 24; rock 28. Water at 28.
HSE Con III	24	H. Stamm	D. Smith	Oct. 8, 1964	4	6	155	150	"	P	Gravel 41; limestone 55. Water at 55.
HSE Con III	29	E. Martin	Ladco Drlg. & Exploration Co.	June 10, 1966	4	10	65	55	"	D	Clay rocks 15; limestone 175; blue shale 178. Water from 155 to 175.
HSE Con III	32	E. Bolvary	K. Mighon & Son	Dec. 15, 1965	4	10	40	20	"	D, S	Clay 40; clay gravel layers 90; clay rocks 165; gravel 171. Water from 165 to 171.
HSE Con III	29	B. Spears	G. Tortington	June 18, 1965	36	2		6	"	D	Old well 25; sandy clay 50; hard gravelly clay 72; grey brown shale 75. Water from 73 to 75.
HSE Con IV	7	J. Seebach	King City Well Drlg. Co. Ltd.	Jan. 17, 1967	6	6	155	120	"	D, S	Topsoil 2; sandy loam 9; gravel stone 12. Water at 9.
HSE Con IV	8	Ont. Hydro	R. F. Boadway	May 16, 1966	5	12	186	185	"	P	Dug well 74; medium fine sand 98; medium coarse sand 155; coarse sandy gravel 170. Water at 155.
HSE Con IV	8	"	"	July 27, 1966	5				"	P	Coarse gravel 4; brown surface clay 18; blue clay 80; gravel 134; brown clay 140; brown sand clay 148; black quicksand 302; blue clay 328; blue clay pebbles 332; gravel 337. Water at 337.
HSE Con IV	8	"	"	Aug. 3, 1966	6	12	100	90	Fresh	P	Loam 2; gravel 4; brown clay 18; blue clay 60; sand gravel 90; fine red sand 114; quicksand clay layers 240; blue clay silt 467; red clay pebbles 535. Dry hole.
HSE Con IV	8	"	"	Sep. 1, 1967	5	7	170	151	"	P	Loam 2; gravel 6; brown surface clay 18; blue clay 60; sand gravel 90; fine sand 114. Water at 114.
HSE Con IV	9	A. Graham	Lunney Well Drlg.	Jan. 2, 1967	4	4	143	138	"	D	Red clay stone 23; grey sand 128; red sand 151; medium sand 175. Water at 175.
HSE Con IV	11	H. Kendal	P. Spatuck	Aug. 23, 1967	7	7	140	70	"	D	Brown sand 30; gravel 58; clay 227; quicksand 242; clay 257. Water at 257.
HSE Con IV	14	K. Garlepy	Ladco Drlg.	July 14, 1966	4	7	130	120	"	D	Black sandy loam 3; sand clay 140; sand 150. Water at 140.
HSE Con IV	17	A. McIntyre	"	July 16, 1966	4	8	130	120	"	D	Clay stones gravel 20; sand 168; gravel 172. Water at 170.
HSE Con IV	18	P. Kelly	Lunney Well Drlg.	Jan. 10, 1967	4	8	80	56	"	D, S	Clay rocks 20; sand 130; clay gravel layers 145; sand 170; gravel 180. Water from 176 to 178.
HSE Con IV	26	T. Watson	"	Nov. 19, 1966	4	5	72	30	"	S	Gravel 110. Water at 110.
HSE Con IV	30	E. Tovey & L. McMann	Ladco Drlg. & Exploration Co.	July 15, 1967	4	10	140	107	"	D, S	Dug well 32; red shale 90. Water at 90.
HSE Con IV	31	C. Harris	"	Oct. 23, 1965	4	4	132	130	"	D	Sand 6; clay rocks 25; sand 193; sand gravel 200. Water from 195 to 200.
HSE Con V	1	T. Tiffin	Bellmont Drlg. Co.	Nov. 1, 1967	5	5	70	65	"	D, S	Sandy clay small stones 120; sand 210; brown clay stones 224; gravel 225. Water at 225.
HSE Con V	10	P. Smith	G. Tortington	Apr. 21, 1966	36			28	"	D, S	Topsoil 3; sand gravel boulders 160; limestone 164; solid limestone 178; blue shale 180. Water at 180.
HSE Con V	15	A. Pidgeon	P. Spatuck	Aug. 28, 1967	7	3	95	20	"	D	Topsoil 3; sand 32; sandstone 40. Water at 34.
HSE Con V	18	W. Hillock	Ladco Drlg.	Nov. 17, 1966	4	3	160	150	"	D, S	Sandy loam 3; clay 21; red shale 100. Water at 71.
HSE Con V	27	R. MacPeeters	Lunney Well Drlg.	Dec. 22, 1966	4	4	151	131	"	D	Sand clay layers 150; clay rocks 218; red shale 280. Water at 270.
HSE Con V	32	R. Perryman	C. Smith	Apr. 10, 1965	4	8	60	38	"	D	Sand clay 30; gravel 55; fine brown sand 97; grey clay 178; sand gravel 196; blue clay 200; gravel 201. Water at 201.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont. Mono Twp. - cont. Huronario Street East cont.										
HSE Con VI lot 5	J. Wilson	B. Huffman & Son	Dec. 7, 1965	5	20	57	45	Fresh	D	Stony brown clay 55; red shale 80; blue shale 102. Water at 80.
HSE Con VI " 8	J. Moffat	Ladco Drlg. & Exploration Co.	June 4, 1966	5	3	65	50	"	D,S	Clay rocks 48; blue shale 100. Water at 55.
HSE Con VI " 12	R. Hansen	Bellmont Drlg. Co.	July 10, 1967 May 5, 1966	5 7	10 4	48 110	34 80	"	D,S	Clay 2; limestone 43; blue shale 90. Water at 32 and 55. Sand gravel 8; brown sand 130; blue quicksand 180; fine coarse gravel 190. Water at 180.
HSE Con VI " 15	K. Blair	"	Apr. 29, 1966	7	10	100	Flows	"	D	Sand 6; hard yellow clay 10; building sand 30; clay stones 60; quicksand 125; blue clay 147; gravel 157. Water at 147.
HSE Con VI " 17	S. Anderson	Ladco Drlg.	Apr. 15, 1964	5	5	60	55	"	D,S	Clay rocks 65; coarse sand 81; red shale 85. Water from 80 to 81.
HSE Con VI " 20	T. Parker & Son	Water Well Drlg.	Sep. 9, 1964	5	3	220	120	"	S	Dug well 73; sand 125; boulders hardpan 190; blue red shale 315 streaks limestone. Water at 315.
HSE Con VI " 20	"	Belmont Drlg. Co.	Dec. 17, 1967	5	1 1/2	110	110	"	S	Previously drilled 140; hardpan 225; coarse gravel 230; red shale 262. Water at 225.
HSE Con VI " 22	C. Daniher	C. Smith	May 8, 1964	4	4	210	110	"	D	Clay granite boulders 100; sandy clay stones 195; red shale 240. Water from 210 to 240.
HSE Con VII " 1	E. Kee	Bellmont Drlg. Co.	Nov. 11, 1965	7	6	150	100	"	D,S	Clay small stones 40; red clay small stones 130; fine sand quicksand 190; fine coarse gravel 200; red shale 217. Water at 217.
HSE Con VII " 6	P. Newkirk	Ladco Drlg. & Exploration Co.	June 9, 1966	4	4	180	140	"	D	Brown clay 15; sand 60; clay rocks 180; red shale 230. Water at 220.
HSE Con VII " 6	A. Crabtree Weekend Camp	Lunney Well Drlg.	Nov. 11, 1967	6	11	90	20	"	P	Gravel 50; red shale 102. Water at 102.
HSE Con VII " 6	"	"	Dec. 27, 1967	6	8 1/2	100	20	"	P	Drilled previously 102; red shale 192. Water at 102 and from 170 to 192.
HSE Con VII " 7	Dr. R. Ross	Peter Spatuck	Nov. 8, 1965	5	6	40	35	"	D,S	Black sandy soil 3; sand clay 72; dirty gravel 88; sand 97. Water at 88.
HSE Con VII " 8	J. Kerr	"	Sep. 20, 1965	5	20	22	6	"	D	Black sandy loam 3; clay sand 20; red shale 47. Water at 42.
HSE Con VII " 11	Twin Hearths Ski Area	Water Well Drlg.	May 10, 1966	4	15	100	60	"	P	Fine sand 190; sand fine gravel 192; fine gravel 212. Water from 192 to 212.
HSE Con VII " 13	R. Laver	M. Mason	June 16, 1965	36	2 1/2		29 1/2	"	D	Topsoil 1; gravel 9; coarse sand clay 19; coarse sand 29; quick sand 37 1/2. Water at 29 1/2.
HSE Con VII " 16	G. Lavery	Ladco Drilling	June 28, 1965	5	10	35	20	"	D,S	Brown clay sand layers 20; grey clay rocks 73; coarse sand 83. Water from 73 to 83.
HSE Con VII " 17	M. Gallaway	K. Mighton & Son	June 20, 1965	4	9	67	5	"	D	Dug well 37; sand 45; clay 58; red shale rock 65; brown rock 87. Water from 75 to 87.
HSE Con VII " 21	S.S. # 21	C. Smith	Mar. 16, 1967	4	4	80	42	"	P	Stony brown clay 45; gravelly brown clay 55; blue clay 71; blue shale 120. Water from 100 to 120.
HSE Con VII " 21	L. Suzuki	"	Apr. 9, 1964	4	4	120	95	"	D	Clay gravel stones 40; gravelly blue clay 70; blue clay 120; red shale 150. Water from 120 to 150.
HSE Con VII " 24	F. Doyle	G. Tortington	May 28, 1966	36			18	"	D	Topsoil stone 2; clay stones 23; sand gravel 30. Water at 25.
HSE Con VII " 25	C. Ward	"	Apr. 29, 1967	36	2		14	"	D	Topsoil 2; clay stone 10; gravel 25. Water at 22.
HSE Con VII " 27	C. Wallace	Lunney Well Drlg.	Mar. 7, 1967	4	4	144	105	"	S	Sand 85; blue shale 185. Water at 185.
HSE Con VII " 31	M. Little	K. Mighton & Son	Apr. 26, 1966	4	6 1/2	45	30	"	D,S	Topsoil 1; grey clay large stones 27; red clay 32; red shale 65. Water from 61 to 65.
HSE Con VIII " 4	C. Cayley	King City Well Drlg. Co. Ltd.	May 12, 1965	7	12	15	10	"	D	Topsoil 1; blue clay 2; blue shale 49. Water at 25.
HSE Con VIII " 7	W. Wallace	P. Spatuck	Sep. 30, 1965	5	3	70	28	"	D	Sandy soil 7; sand clay 34; red shale 80. Water at 75.

## DUFFERIN COUNTY - cont.

Mono Twp. - cont.

Huron Street East cont.

HSE Con VIII	lot 13	Anderson	Lunney well Drlg.	July 12, 1960	4	7	21	18	"	D	Sand 130; fine gravel sand 139; gravel 140. Water at 140.
HSE Con VIII	14	P. Moore	Water Well Drlg.	Mar. 1, 1965	5	15	44	18	"	D	Topsoil 2; sand stone 20; sand gravel 25. Water at 22.
HSE Con VIII	14	M. Eemey	G. Tortington	Apr. 28, 1967	36	1		17	"	D	Dug well tiled 18; blue clay gravel stones 450; cemented gravel 475. Water from 450 to 460.
HSE Con VIII	16	J. Storey	C. Smith	Nov. 24, 1965	4	5	170	160	"	D	Sand 170; hardpan small boulders 300; clay 365; gravel 375. Water at 370.
HSE Con VIII	18	V. Dubois	Water Well Drlg.	June 26, 1964	5	20	180	120	"	D, S	Previously drilled 375; gravel 380; fine sand 412; coarse gravel 415. Water from 412 to 415.
HSE Con VIII	18	"	"	Aug. 25, 1964	5	20	180	120	"	D, S	Sand clay layers 60; clay 65; gravel 67; clay stones 71; sand 110; blue shale 180. Water at 170.
HSE Con VIII	20	T. Leigh	Ladco Drlg.	June 25, 1965	4	8	110	14	"	D	Topsoil 1; yellow clay 27; blue clay 58; blue shale 105. Water at 90.
HSE Con VIII	20	M. Whitley	S. McCauley	Dec. 20, 1966	7	1	105	40	"	D	Sand 180; gravel 182; gravel sand 193. Water at 193.
HSE Con VIII	25	R. Spurr	Lunney well Drlg.	Aug. 6, 1966	4	6	65	58	"	D	Sand gravel 75; brown sand 184; fine grey sand 241; blue shale 244; gravel 247. Water at 247.
HSE Con VIII	25	C. Phillips	"	Feb. 21, 1967	4	4	198	98	"	D	Brown stony clay 29; shale 30. Water at 15.
HSE Con VIII	32	D. Woodley	Roth Well Digging	May 26, 1967	30	2		15	"	D	Brown clay 10; stony clay 28; sandy clay shell rock 32; lime stone 65. Water from 50 to 65.
Huron Street West	lot 4	P. DeVaal	C. Smith	June 26, 1964	4	8	35	28	Fresh	D	Sand gravel 11; sand clay 35; hard brown limestone 58; blue shale 75. Water at 70.
ESW Con I	4	Heinz Motors	R. Gadke	June 20, 1965	5	12	6	6	"	C	Topsoil 1; gravelly clay 10; grey clay stones 20; brown limestone 48. Water from 40 to 48.
ESW Con I	4	R. Reed	K. McClure	May 8, 1967	5	6	27	7	"	D	Topsoil 1; gravelly clay 10; clay stones 20; brown limestone 48. Water from 40 to 48.
ESW Con I	4	R. Reed	"	May 18, 1967	5	6	27		"	D	Gravel stones clay 18; sand stones clay layers 47; soft blue shale 73; blue shale dolomite 90; dolomite 118. Water at 85 and 115. (salty)
ESW Con I	6	Mono-Amaranth Twp. S. Area	Ladco Drlg.	May 6, 1966	6	7 1/2	85	32	"	P	Clay 15; sand 27; clay gravel layers 63; blue shale 83; dolomite 125. Water at 75 and 120.
ESW Con I	6	G. Stewart	"	Aug. 12, 1967	4	5	50	23	"	D	Open hole 24; mixed gravel sand 62; clay 79; red shale 192. Water at 190.
ESW Con I	9	J. Whyte	Water Well Drlg.	July 5, 1966	7	10	70	50	"	D, S	Sand 30; hard gravel 35; grey limestone 46; brown limestone 58. Water at 57.
ESW Con I	10	A. Armstrong	Ladco Drlg.	Apr. 12, 1966	5	10	35	32	"	D, S	Clay 5; fine gravel 15; sand clay layers 55; clay rocks 72; limestone 90. Water at 86.
ESW Con I	11	J. Nesbitt	"	June 30, 1965	4	10	60	55	"	D, S	Clay rocks 8; limestone 50. Water at 45.
ESW Con I	11	D. McElhinney	"	July 3, 1965	4	10	18	15	"	D	Stony clay 15; limestone 75. Water from 60 to 75.
ESW Con I	11	E. Morgan	C. Smith	Sep. 6, 1965	4	10	40	30	"	D	Clay 17; gravel 25; limestone 69. Water at 67.
ESW Con I	11	"	Lunney well Drlg.	May 13, 1967	4	7	38	32	"	D	Dug well 36; stony clay 55; brown limestone 69. Water from 60 to 69.
ESW Con I	15	E. Fish	C. Smith	Aug. 28, 1964	4	16	12	6	"	D	Stony clay 50; gravelly clay 58; brown limestone 85. Water from 70 to 85.
ESW Con I	16	A. Draffin	"	Aug. 7, 1964	4	8	48	16	"	D	Stony clay 70; gravelly clay 78; brown limestone 105; grey limestone 117. Water from 85 to 115.
ESW Con I	16	P. McKelvie	"	Aug. 15, 1964	4	7	50	25	"	D	Sandy clay 44; coarse limestone 152; blue shale 158. Water at 132; 152 and 158.
ESW Con I	19	S. James	Water Well Drlg.	July 18, 1967	5	30	17	16	"	D, S	Sand 55; limestone 69. Water at 69.
ESW Con II	3	R. Hacking	Lunney Well Drlg.	Aug. 29, 1967	4	5	52	15	"	D	Brown sand gravel 20; clay stones 43; shaly limestone 49; solid limestone 63; blue shale 70. Water at 68.
ESW Con II	3	H. Reed (Cont.)	Bellmont Drlg.	Sep. 2, 1967	5	20	21	16	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Mono Twp. - cont.										
Huron Ontario Street West cont.										
HSW Con II " 3	"	"	Sep. 9, 1967	5	20	18	12	"	D	Brown sand gravel 25; clay stones 40; limestone 65; blue shale 70. Water at 68.
HSW Con II " 4	E. Case	C. Smith	July 17, 1964	4	10	25	16	"	D	Silty sand 16; sandy clay stones 36; shelly limestone 40; brown white limestone 62. Water from 45 to 60.
HSW Con II " 4	B. Kozik	"	July 22, 1964	4	6	25	9	"	D	Silty sand 25; sandy clay stones 36; shelly limestone sandy gravel 40. Water from 35 to 40.
HSW Con II " 4	R. Fines	"	Aug. 30, 1965	4	10	30	24	"	D	Sandy clay 33; sand clay gravelly 56; shelly limestone gravel 58. Water from 56 to 58.
HSW Con II " 4	W. Peck	"	Dec. 3, 1965	4	10	18	14	"	D	Sandy clay 40; grey limestone 58. Water from 50 to 58.
HSW Con II " 4	Credit Valley Conservation	G. Tortington	July 25, 1967	36	1 1/2		12	"	P	Topsoil 2; clay stone 18; sand fine stone 22. Water at 18.
HSW Con II " 4	"	"	Aug. 1, 1967	36	2		12	"	P	Topsoil 2; clay loam 16; sand fine stone 21 1/2. Water at 16.
HSW Con II " 5	G. Reid	Ladco Drlg.	Oct. 23, 1967	4	10	66	63	"	D	Sand 75; clay rocks 107; light grey limestone 120. Water from 117 to 120.
HSW Con II " 7	A. Harrison	"	Aug. 8, 1967	5	4	30	14	"	D	Clay rocks 17; limestone clay layers 70. Water at 35 and 65.
HSW Con II lot 8	R. Kilby	Lunney Well Drlg.	Sep. 8, 1967	4	12	25	6	Fresh	D	Clay 9; clay gravel 36; limestone 64. Water at 64.
HSW Con II " 16	Mono Twp. Works Dept.	C. Smith	Sep. 8, 1964	4	7	75	52	"	D	Clay boulders 23; grey limestone 80; blue red shale 100. Water from 75 to 100.
HSW Con II " 21	F. Thomas	B. Huffmant Sons	Sep. 18, 1965	4				"	D	Black muck 6; silty sand 41; red silty clay 44. Water at 44.
HSW Con II " 21	"	"	Dec. 30, 1965	4	25	14		"	D	Stony brown clay 26; brown silty sand 36; stony brown clay small boulders 44; limestone 56. Water from 44 to 56.
HSW Con II " 25	J. Baker	Bellmont Drlg. Co	Oct. 29, 1966	5	8	35	21	"	D	Dug well to sand 28; clay stones 60; blue mud 93; limestone 106. Water at 105.
HSW Con II " 28	J. Di Florrio	S. McCauley	Oct. 1, 1966	5	18	20	4	"	D	Sand gravel 13; limestone 41. Water at 14 and 41.
HSW Con II " 31	Ont. Dept of Highways	Durham Drlg. & Enterprises Ltd.	Feb. 2, 1965	5	20	16	16	"	P	Topsoil 3; sand stones 35; hardpan boulders 48; dirty gravel 54; brown limestone 70; grey limestone 93; blue shale 98; red shale 102. Water at 85 and 100.
HSW Con III " 7	E. Lisanti	C. Smith	May 6, 1965	4	8	30	20	"	D	Fine sand 22; sandy clay boulders 40; shelly limestone 60; blue shale 70. Water from 40 to 70.
HSW Con III " 10	P. Smith	Lunney Well Drlg.	May 24, 1967	4	12	23	14	"	D, S	Clay stone 24; gravel 38; black stone 43. Water at 42.
HSW Con III " 32	Dr. E. Erickson	Durham Drillers	Oct. 22, 1967	4	18	25	20	"	D, S	Open hole 18; gravel 25; grey clay 40; sandy clay 50; stony clay 70; brown rock 88. Water at 70 and 85.
Mulmur Twp.										
Huron Ontario Street East										
HSE Con I lot 17	W. McDonald	C. Smith	July 20, 1965	4	5	75	20	Fresh	D	Sand 20; blue clay gravel stones 185; blue shale 215. Water from 205 to 215.
HSE Con I " 19	G. Doctor	"	June 9, 1965	4	5	70	10	"	D	Dug well 10; sandy clay 80; blue clay 125; blue clay gravel 128; blue shale 130. Water from 125 to 130.
HSE Con I " 20	J. May	Durham Drlg. & Enterprises	Aug. 13, 1965	5	8	65	52	"	D	Topsoil 2; clay boulders 20; brown clay 40; soft brown shale 80; hard blue shale 116. Water from 100 to 116.
HSE Con I " 30	C. Johnston	K. Mighton & Son	Apr. 1, 1965	4	5	100	81	"	D, S	Topsoil 1; red clay 25; grey clay 40; blue clay 62; grey limestone 85; brown limestone 105; blue limestone 120; brown shale 139. Water at 100, 120 and 135.
HSE Con II " 1	Mulmur Twp. School Board	Bellmont Drlg. Co.	July 30, 1966	7	3	160	65	"	P	Topsoil clay 6; gravel boulders 50; brown sand 125; yellow clay 135; quicksand 180; sand gravel 194; pea coarse gravel 197; red shale 205. Water at 197.
HSE Con II " 1	"	"	Jan. 1, 1967	7	10	90	60	"	P	Topsoil clay 6; gravel boulders 50; brown sand 125; yellow clay 135; quicksand 180; sand gravel 194; pea coarse gravel 197; red shale 211. Water at 197.



DUFFERIN COUNTY - cont.

Mulmur Twp. - cont.

Horontario Street East cont.

HSE Con II	"	3	W.Trow.Ass.Ltd	Hadco Well	Mar. 3, 1967	5	10	30	12	"	P	Topsoil 2; sand 20; blue clay gravel 41; blue shale 48. Water
HSE Con II	"	7	Dr.N.Beaton	M.Mason	Oct.22, 1965	36	3	19	17	"	D	Topsoil 1; sand clay 4; drift sand 14; clay boulders 16; brown clay pebbles gravel 22. Water at 17.
HSE Con II	"	11	L.Rose	Durham Drilling & Enterprises Ltd.	July 23, 1965	4	3	65	30	"	D,S	Open hole 28; hard grey rock 50; hard shale 107. Water from 50 to 100.
HSE Con II	"	20	P.Godbold	C. Smith	May 15, 1964	4	5	70	46	"	D	Stony clay 25; sandy clay gravel stones 88; gravel 90. Water from 88 to 90.
HSE Con II	"	24	D.Pednaud	K.Mighton & Sons	Aug. 23, 1966	4	4	40	15	"	D	Topsoil 2; red clay 50; blue shale 62. Water at 62.
HSE Con II	"	25	J.Lewis	"	Aug. 1, 1964	6	18	12	8	"	D	Topsoil 1; gravel 12; brown rock 25; blue shale 30; brown shale 40; brown rock 53. Water from 20 to 53.
HSE Con II	lot	30	W.Ritchie	K.Mighton & Son	June 28, 1965	4	14	55	20	Fresh	D,S	Open hole 32; sand clay 35; gravel 40; red clay 60; brown shale 75; blue limestone 87. Water from 79 to 87.
HSE Con III	"	4	H.Lay	"	Nov. 20, 1967	4	5	95	85	"	D,S	Large stones hard clay 15; sandy clay 90; gravelly clay 92; soft brown shale 98; red shale 142. Water at 100, 116, 142.
HSE Con III	"	7	M.Hunter	M.Babiuk	Dec. 3, 1966	30						Brown topsoil sandy 15; loose gravel sand 20; brown sandy soil boulders 40. Dry hole.
HSE Con III	"	7	R.Hunter	P.Spatuck	Apr. 11, 1967	5	6	270	230	Fresh	D	Sandy grey clay 50; sand 122; silt 173; soft brown clay 322; shale 331. Water at 331.
HSE Con III	"	9	Skopit Con. Ltd.	D.Lougheed	July 3, 1964	4	10	38	18	"	D	Topsoil 1; sand boulders 21; red sand gravel 45; limestone 48. Water at 48.
HSE Con III	"	9	R.S.Gillman	"	Dec. 16, 1964	4	2	75	32	"	D,S	Topsoil 1; sand boulders 28; red shale 44; limestone 46; red shale 52; limestone 53; red shale 80. Water from 36 to 80.
HSE Con III	"	16	D.Brown	K.Mighton & Son	Apr. 20, 1966	4	5	100	80	"	D	Previous dug well open hole 58; sandy clay 110; hardpan 112; sand 115. Water from 112 to 115.
HSE Con III	"	29	H.Johnston	"	July 30, 1964	4	12	65	50	"	D,S	Topsoil 2; sand clay 16; fine gravel 30; clay 35; fine gravel sand 50; red clay 60; fine gravel red clay 97; hard blue shale 100. Water from 97 to 100.
HSE Con III	"	30	D.Johnston	"	Nov. 10, 1965	4	8	90	24	"	D,S	Topsoil 1; gravelly clay 15; hard grey rock 50; firm red shale 184. Water from 36 to 184.
HSE Con IV	"	2	G.Lane	Ladco Drlg. & Exploration Co.	Aug. 9, 1966	5	2	165	120	"	D,S	Clay sand layers 178; red shale 220. Water at 215.
HSE Con IV	"	3	M.Thompson	C.Smith	Apr. 23, 1965	4	8	76	70	"	D,S	Sandy clay 50; gravelly clay stones 80; red shale 120. Water from 95 to 120.
HSE Con IV	"	5	J.Newton	K.Mighton & Sons	May 30, 1967	4	4	44	36	"	D,S	Topsoil 1; sandy clay 12; gravelly clay 16; sandy clay 40; dirty gravel 48; sand gravel 49; red shale 90. Water from 58 to 90.
HSE Con IV	"	19	Ont.Dept. of Lands & Forests	C.Goodberry	May 11, 1964	5						Sand 8; gravel 21; sand 218; sand gravel 230; clay gravel 400. Dry hole.
HSE Con IV	"	25	Dr.H.Stancer	Water Well Drlg.	Dec. 22, 1965	5	12	100	40	Fresh	D	Sand 11; gravel 24; hardpan 58; blue clay hardpan 88; blue shale 101; red shale 111; blue shale 185. Water at 175.
HSE Con V	"	5	J.Wilson	K.Mighton & Son	Jan. 21, 1966	4	7	52	32	"	D,S	Topsoil 1; light sandy clay 32; soft brown shale 35; hard brown reddish shale 84; light blue grey limestone 87. Water from 50 to 87.
HSE Con V	"	8	M.Stephen	Lunney Well Drlg.	Mar. 23, 1967	4	5	125	96	"	D	Sand gravel mixture 133; blue shale 154. Water at 150.
HSE Con V	"	8	J.Sadlier	Ladco Drlg. & Exploration Co.	Dec. 18, 1965	5	2	90	45	"	D	Sand 10; grey clay rocks 45; blue shale 165. Water at 150.
HSE Con V	"	9	J.Craig	Both Well Digging	July 29, 1967	30	2		55	"	D	Red sand 2; stony grey clay 23; stony gravel 65. Water at 60.
HSE Con V	"	12	O.McKee	K.Mighton & Sons	Nov. 20, 1967	4	12	20	8	"	D,S	Topsoil 1; red clay 20; brown shale 26; hard brown shale 64. Water from 26 to 64.
HSE Con V	"	15	R.Lederer	"	Nov. 24, 1967	4	3	80	26	"	D,S	Topsoil 2; red clay 8; red shale 12; hard brown shale 96; grey shale 98. Water at 29, 40, 90 and 96.
HSE Con V	"	23	G.Aylesworth	Durham Drlg. & Enterprises Ltd.	July 3, 1964	4	10	40	25	"	D	Open hole 28; sandy clay 104; sand gravel 147. Water from 145 to 147.
HSE Con V	"	28	C.Noble	Babiuk Well Boring	Feb. 8, 1965	18	1		30	"	D,S	Deepened well 30 to 40; quicksand. Water at 30.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Mulmur Twp. - cont.										
Huronario Street East cont.										
HSE Con VI " 4	E.Greer	M.Mason	Sep. 1, 1965		3		18	"	D,S	Topsoil 2;sand clay 17;clay boulders shale 25. Water at 18.
HSE Con VI " 6	E.Greer	K.Mighton & Son	Apr. 5, 1967	6	5	30	20	"	D,S	Topsoil 1;sandy clay 20;silty sand 30;sandy clay 41;hardpan 42;fine sand 45;medium sand 48. Water from 42 to 48.
HSE Con VI lot 7	A.Parquharson	K.Mighton & Son	Mar.21, 1966	4	4½	40	25	Fresh	D,S	Topsoil 1;sand 11;large stones clay 13;sandy clay 50;sand gravel 52;hardpan 53;dirty gravel fine sand 55;hardpan 63; sand gravel 65. Water at 53,55, and from 63 to 65.
HSE Con VI " 9	Mulmur Twp. School Board Area	C.Smith	Feb. 1, 1964	5	6.	120	80	"	P	Clay gravel stones 25;sandy clay stony layers 110;sandy brown clay 135;gravelly grey clay 158;gravel blue clay 160. Water from 158 to 160.
HSE Con VI " 9	T.Hoare	K.Mighton & Son	Apr.30, 1966	4	1	110	81	"	D,S	Topsoil 1;sand gravel 16;sandy clay 35;hard clay 57;sandy clay 70;coarse sand clay 83;soupy sand 94;sand clay 103;fine sand clay 116. Water from 100 to 116.
HSE Con VI " 10	J.Lennox	M.Babiuk Well Boring	Jan. 4, 1964	30	½	46	37	"	D	Sandy brown clay 6;gravel 9;sandy brown clay 24;sandy brown clay boulders 28;brown sand 44;sandy brown clay. Water from 37 to 44.
HSE Con VI " 11	Village of Mansfield	K.Mighton & Son	July 22, 1965	4	5	100	80	"	P	Topsoil 1;fine gravel large stone 16;ridges clay fine gravel sand 120;fine sand 129. Water at 27. end 120 to 129.
HSE Con VI " 12	B.Murphy	M.Babiuk	Dec.19, 1964	30	½		20	"	D	Brown topsoil 12;grey clay 16;grey shale 30. Water at 30.
HSE Con VI " 15	E.Anderson	Babiuk Well Boring	Jan. 6, 1965	30	1		23	"	D,S	Topsoil 3;brown clay 19;gravel boulders 23;blue clay 33. Water at 23.
HSE Con VI " 15	"	K.Mighton & Son	Nov.13, 1965	4	10	115	107	"	D,S	Topsoil 2;white sand 50;sandy gravel 55;soupy sand 60; hardpan 68;sandy gravel 70;hardpan sand 88;sand clay 115; sand dirty gravel 120;clay gravel 122;sand gravel 129. Water from 126 to 129.
HSE Con VI " 16	H.Dekker	M.Babiuk	Dec.10, 1964	30	2		20	"	D	Brown topsoil 10;grey clay 45;grey sand 46. Water at 46.
HSE Con VI " 16	"	"	Dec.15, 1964	30	1		15	"	D	Brown topsoil 4;brown sand gravel 12;grey clay 15;grey sand 17;grey clay 27;grey shale 30. Water at 15.
HSE Con VI " 16	H.White	"	June 18, 1966	30	3		10	"	D	Brown topsoil 10;grey clay 25;coarse grey sand 26. Water at 26.
HSE Con VI " 16	A.Rodwell	"	June 20, 1966	30	1		12	"	D	Brown topsoil 3;coarse gravel 8;brown sand 12;grey clay 28; fine grey sand 31. Water at 31.
HSE Con VI " 16	P.Bandler	Roth Well Digging	Sep.22, 1967	30	2		0	"	D	Brown clay stones 4;grey stony clay 20;sand 24. Water at 20.
HSE Con VI " 16	D.Savage	"	Sep. 2, 1967	30	2		0	"	D	Brown clay 10;grey stony clay 25;sand 41. Water at 25.
HSE Con VI " 16	J.Murray	"	Sep.14, 1967	30	2		8	"	D	Brown stony clay 6;grey clay sand 10;sand 15. Water at 8.
HSE Con VI " 16	K.Farrenkoph	"	Sep.21, 1967	30	2		7	"	D	Brown stony clay 3;grey clay 9;shale 15. Water at 7.
HSE Con VI " 16	G.A.Wright	"	Sep.25, 1967	30	2		0	"	D	Brown stony clay 4;grey stony clay 25;sand 28. Water at 20.
HSE Con VI " 16	O.Mitchell	"	Nov. 8, 1967	30	2		24	"	D	Topsoil 1;gravel 3;brown clay 25. Water at 10.
HSE Con VI " 19	Ont.Dept. of Lands&Forests	C.Goodberry	May 11, 1964	5				"		Sand 8;gravel 21;sand 218;sand gravel 230;clay gravel 400. Dry hole.
HSE Con VI " 24	L.Smith	Babiuk Well Boring	Nov.11, 1965	30	1½	47	41	"	D,S	Topsoil 31;brown sandy clay 12;brown sand 40;sand 50. Water at 41.
HSE Con VI " 28	R.Lange	"	Oct. 3, 1964	27	½	34	26	"	D	Blue sand 26;quicksand 36. Water at 26.
HSE Con VII " 4	E.Oar	K.Mighton & Sons	Nov.14, 1966	4	5	50	36	"	D,S	Topsoil 2;stony clay 40;soft grey clay 53;hard grey shale 101. Water from 56 to 101.
HSE Con VII " 8	S.Bentley	M.Babiuk	Jan.30, 1965	30	50		5	"	D	Brown topsoil 5;coarse gravel 11;coarse brown sand 15. Water at 5.
HSE Con VII " 11	A.Armstrong	K.Mighton & Son	Nov.24, 1965	4	9	54	40	"	D,S	Topsoil 1;clay 10;sand 25;grey clay 70;sand gravel 72. Water from 70 to 72.
HSE Con VII " 14	J.Anderson	"	Oct.1, 1965	4	5	75	65	"	D,S	Topsoil 1;hard clay 18;soft grey clay 60;sand 70;hardpan 86; sand 89. Water from 86 to 89.

DUFFERIN COUNTY - cont.

Municipality		Well No.		Driller		Date		Depth		Water		Remarks	
Mulmur Twp. - cont.		Huron Ontario Street East cont.		K. Mighton & Sons		Oct. 28, 1967		4		20		28	
HSR Con VII lot 17		Mansfield Snow mobile resort		Babuik Well Boring		Mar. 24, 1965		30		40		16	
HSE Con VII		31 M. Maltas		Roth Well Drlg.		May 3, 1967		30		30		Fresh	
HSE Con VIII		1 St. Lukes Anglican Church		"		Dec. 14, 1966		30		2		63	
HSE Con VIII		31 The Salvation Army		Water Well Drlg.		Nov. 10, 1967		7		14		92	
HSW Con I		4 Dr. S. Hopkins		Babuik Well Boring		Oct. 25, 1967		30		118		Fresh	
HSW Con I		16 G. Parsons		Pratt's Well Drlg.		Oct. 18, 1965		4		5		128	
HSW Con I		25 H. Will		Lunney Well Drlg.		Sep. 1, 1966		4		5		90	
HSW Con I		26 A. Waite		Vanderboom Well Drilling		Dec. 15, 1967		7		15		99	
HSW Con II		6 G. McCutcheon		M. S. Bellerby		July 25, 1965		5		4 1/2		125	
HSW Con II		14 N. Cave		G. Tortington		Aug. 20, 1966		30		2		15	
HSW Con II		18 G. Court		C. Smith		June 29, 1965		4		5		100	
HSW Con II		19 H. Pearen		K. Mighton		Mar. 2, 1965		4		14		50	
HSW Con II		19 Hamilton Capital Holdings		"		Sep. 12, 1967		4		5		60	
HSW Con II		22 H. Will		"		July 15, 1965		4		1		100	
HSW Con II		26 C. Lloyd		"		July 27, 1964		4		5		45	
HSW Con II		26 A. Richardson		"		Sep. 19, 1967		4		6		30	
HSW Con III		6 E. Crampton		Ladco Drlg. & Exploration		June 2, 1967		4		10		115	
HSW Con III		7 T. Metz		Durham Drlg. & Enterprises Ltd.		Oct. 5, 1967		4		15		28	
HSW Con III		17 R. Moran		Bellmont Drlg. Co		Feb. 15, 1966		7		4		137	
HSW Con III		21 Cowling Bros.		Pratt's Well Drlg.		Oct. 2, 1965		4		2		87	
HSW Con III		25 G. Ruhl		K. Mighton & Son		Aug. 7, 1964		4		5		55	
HSW Con III		26 J. McMillen		C. Smith		May 23, 1964		4		5		100	
HSW Con III		26 C. Copeland		Bellmont Drlg. Co		Nov. 26, 1965		5		10		60	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
DUFFERIN COUNTY - cont.										
Orangeville, Town of,	Town of Orangeville	International Water Supply Ltd.	Oct.13,1964	12	60	150	Flows	Fresh	N	Topsoil 2;yellow clay 27;grey clay boulders gravel 72;brown grey limestone 160;white limestone 198;blue shale. Water at 27.
	"	"	Feb.18,1965	12	600	56	5	"	T 4-64	Sandy clay 17;sand gravel 28;broken limestone gravel 45; broken limestone 95;grey limestone 147. Water from 28 to 145.

ELGIN COUNTY										
Alborough Twp.										
Con V	lot 4	Elgin Petrol-	Demaray & Nichols	Dec. 1, 1964	9	130	108	93	Fresh	Topsand 5; blue clay 150; sand 152; hardpan 160; gravel 173; sand 188. Water from 160 to 188.
Con VII	" 16	H. Gartner	Hadco Well Digging Ltd.	Mar. 22, 1967	30	3	28	8	"	D Topsoil 2; brown sand 11; blue clay 30. Water at 8.
Con VIII	" C	M. DeBruyn	G. Galbraith	Sep. 17, 1964	4				N	Surface 4; grey clay 30; boulder clay 154; blue clay 178; pink clay 195; hardpan 201; grey clay 226; sludgy gravel 233; gravel 245.
Con IX	" 10	J. Krumm	Hadco Well Digging Ltd.	Mar. 22, 1967	30	4	28	12	Fresh	D Topsoil 2; brown clay 2; brown sand 10; blue sand 19; gravel 20; blue clay 30. Water at 12 and 19.
Con X	" 6	D. Mylrea	G. Galbraith	Aug. 30, 1967	34	3	120	42	Sulphur	D Mixed blue brown clay 160; pink clay 185; blue clay layers sand 214; fine sand 215; pink clay 240; fine gravel 240; blue clay pebbles 268; gravel 270. Water at 215, 240, and 270.
Con XI	" C	E. Mechevech	"	July 12, 1967	4	6	40	33	Fresh	N Surface sand 7; blue clay 135; pink clay 165; sandy clay 175; slushy sand 180; gravel sand 188; clay fine sand 196; brown clay 222; soupy sand 224; hardpan 238; blue clay 233. Water at 188.
Con XI	" C	"	"	July 31, 1967	4	8	35	25	"	D Surface sand 4; mixed clay boulder 123; pink clay 158; quick sand 170; gravel 172. Water at 172.
ED Con A	" Y	T. & G. Tait	R. Dolphin & Earl	Dec. 21, 1965	4	6	70	40	"	D, S Sand 8; blue clay 185; hardpan 194; sand gravel 200. Water at 194 and 200.
ED Con B	" 19	J. Carmichael	"	Nov. 4, 1965	4	10	61	30	"	D, S Sand 7; blue clay 67; sand gravel 71. Water from 67 to 70.
ED Con B	" 22	H. Hallstone	"	Nov. 17, 1964	4				"	D Yellow clay 15; blue clay 133; hardpan 157; rock 189. Dry hole.
WD Con BF	" 14	B. Haven	"	July 19, 1965	7	12	80	3	"	D Sand gravel 20; blue clay 90; hardpan 107; gravel 117. Water at 117.
WD Con BF	" 15	"	"	July 12, 1965					"	D Sand 18; blue clay 111; hardpan 148; soft rock 156; hard top rock 165. Water at 149 and 165. Dry hole.
WD Con I	" 3	A. Long	R. & V. Lather	Nov. 2, 1964	4	1	110	80	"	D Sand 10; grey clay 91; grey clay pebbles 100; fine sand 115; grey clay pebbles 150. Dry hole.
WD Con I	" 3	"	"	May 14, 1965	4				"	D Sand 12; grey clay 108; fine sand 110; hardpan 167. Dry hole.
WD Con II	" 9	W. Newport	W. Newport & Sons	Oct. 21, 1967	7	13	60	40	"	S Clay 90; hardpan clay pebbles 130; gravel 136. Water from 133 to 136.
WD Con III	" 3	N. McPhail	S. Earl	June 10, 1964	4 1/2	6	115	98	Salty	N Gravel 10; clay 80; sand clay 200; hardpan 161; gravel 265. Water at 265.
WD Con III	" 3	"	G. Evans	Dec. 1, 1964	1 1/2	18		10	Fresh	D, S Stony; sand 10; gravel 12; clay. Water from 10 to 12.
Bayham Twp.										
Con I	lot 4	Erie View Sub-Division	W. E. Locker	Oct. 16, 1965	5					Yellow beach sand 2; fine coarse gravel 3; blue clay 42; putty sand 50. Dry hole.
Con I	" 11	OWRC	F. E. Johnston	Feb. 2, 1966	7					T Black loam 1; brown clay stones 15; grey clay stones 185; hardpan 187; silty fine sand 188; hard black shale 188.
Con I	" 18	L. Tait	Hadco Well Digging Ltd.	Oct. 31, 1966	30	2	28	12	Fresh	D Brown sand 9; blue hard sand 11; sand 14; blue clay 28. Water at 11.
Con I	" 19	C. Kaufman	W. Locker	Dec. 1, 1965	1 1/2	3 1/2		8	"	D Yellow sand 13; grey sand 20. Water from 13 to 20.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont.										
Bayham Twp. - cont.										
Con I lot 26	B. Matthews	W. Burwell	Apr. 5, 1967	1 1/4	7	10	8	Fresh	D, S	Red sand 18; sand 24. Water at 18.
Con II " 1	V. Davis	R. Hudson	July 16, 1966	3/8	2	35	22	"	D	Blue clay 24; fine blue sand 37. Water at 24.
Con II " 27	L. Jackson	J. Weaver & Son	Mar. 23, 1964	1 1/4	8		8	"	D, S	Topsoil 1; yellow sand 5; white sand 8; white quicksand 22. Water at 8.
Con III " 27	B. Wilks	Warren Water Well	Aug. 5, 1965	1 1/4	4		10	"	D, S	Yellow sand 13; grey sand 16; clay. Water at 16.
Con IV " 15	W. Weaver	"	May 13, 1965	1 1/4	3	6	6	"	D	Yellow sand 11; grey clay 16; fine sand 23. Water at 23.
Con IV " 16	G. Maisz	Hadco Well Digging Ltd.	Jan. 6, 1967	30	2	34	8	"	D, S	Topsoil 2; brown clay 2; brown sand 14; blue sand 22; blue clay 28; blue sand 32; blue clay 35. Water at 10.
Con IV " 18	F. Voros	Warren Water Wells	July 14, 1964	6 1/2	10	30	6	"	"	Yellow sand 14; clay 20; putty sand 30; clay. Water at 30.
Con IV " 18	"	J. Weaver & Son	July 20, 1964	1 1/4	4		6	"	D, S	Topsoil 1; yellow sand 6; brown quicksand 9; blue clay 14; blue quicksand 17. Water at 6 and 14.
Con V " 13	C. Humphrey	W. A. Belrose	June 1, 1967	1 1/4	8		17	"	D	Dark sand 4; grey sand 12; brown sand 24; clay 36; sand 50. Water from 36 to 50.
Con V " 23	Mitchell Farms	Hadco Well Digging Ltd.	May 6, 1966	30	2	25	7	"	D	Topsoil 1; brown sandy clay 7; brown sand 14; hardpan sand seams 26. Water at 9.
Con V " 26	J. Nemeth	Warren Water Wells	Apr. 7, 1966	5	10	150	75	"	D	Yellow sand 16; grey clay 95; putty sand 98; grey clay 268; black shale. Water at 268.
Con V " 27	"	Hadco Well Digging Ltd.	Nov. 3, 1966	30	3	40	12	"	In	Topsoil 1; brown sand 14; blue hardpan 40; blue sand 47. Water at 14.
Con VIII " 3	R. C. Whaley	Warren Water Wells	June 24, 1967	5	4	63	30	"	D, S	Yellow clay 16; grey clay 45; grey putty sand 63; fine sand 68; grey clay 73. Water at 68.
Con VIII " 3	"	"	June 21, 1967	5	1	121	80	"	T	Yellow clay 56; grey putty sand 73; grey clay 108; stones boulders 121; grey clay. Water at 121.
Con VIII " 4	G. Nasswetter	"	June 12, 1967	5				"		Yellow clay stone 18; grey clay 76; fine sand 80; clay stone 111 boulders 114; clay stones 125; fine sand 126. Water at 80 and 126.
Con VIII " 4	"	"	June 15, 1967	5	5	50	35	Fresh	D	Yellow clay stones 16; grey clay 59; fine grey sand 65; putty sand. Water at 65.
Con VIII " 5	M. Holbrook	"	Apr. 1, 1964	5	2 1/2	96	40	"	D, S	Yellow clay 21; grey clay 42; putty sand 90; very fine sand 96; clay. Water at 96.
Con VIII " 6	W. Holtby	"	May 12, 1965	5	2	120	60	"	D, S	Yellow sand 16; grey clay stones 24; grey putty sand 91; very fine sand 96; clay stones 122; sand 126. Water at 96 and 126.
Con VIII " 7	C. Longfield	"	Apr. 24, 1964	5	1	57	35	"	D, S	Yellow sand 6; grey clay 49; fine grey sand 54; grey clay 57. Water at 54.
Con VIII " 13	P. Stewart	Cole Water Wells	May 14, 1966	5				"		Yellow sand 50; soft clay 60; sand 100; sand 108; grey clay stones 190. Dry hole.
Con VIII " 16	L. Harding	"	Apr. 26, 1967	5				"		Topsoil 1; yellow sand 20; putty sand 35; clay 70. Dry hole.
Con VIII " 16	"	"	Apr. 28, 1967	4	1	19	8	Fresh	D	Black loam 1; yellow sand 15; black white sand 19. Water from 15 to 19.
Con VIII " 17	J. Jurenas	"	Mar. 14, 1966	5	4	90	60	"	D, S	Black loam 1; yellow sand 15; soft clay 50; grey clay stones 90; putty sand 96; fine black white sand 110. Water from 100 to 110.
Con VIII " 22	J. Zylstra	W. Burwell	Nov. 7, 1964	5	1 1/4	95	58	"	D	Fine sand 10; grey clay 85; putty sand 90; fine sand 98. Water at 90.
Con VIII " 22	H. Locker	Warren Water Wells	Aug. 12, 1965	5	3	100	63	"	D	Yellow sand 14; grey clay 104; fine sand 108. Water at 108.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ELGIN COUNTY - cont.  
Bayham Twp. - cont.  
Con VIII

Con VIII	lot 22	P. Elenak	Warren WaterWells	Feb. 4, 1966	5	1	101	55	Fresh	D	Yellow sand 68; clay silt 97; fine sand 101; putty sand. Water at 101.
Con VIII	" 23	P. Burwell	W. Burwell	July 31, 1965	5	5	50	46	"	D	Fine sand 10; grey clay 85; fine sand 94. Water at 85.
Con VIII	" 27	J. Englert	Warren WaterWells	July 18, 1964	5	4	80	68	"	D, S	Yellow sand 40; grey clay putty sand 44; grey clay 69; sand 80; fine sand 85. Water at 85.
Con IX	" 5	H. Dryer	"	Nov. 26, 1964	5	10	18	12	"	D	Black topsoil 1; brown clay pebbles 46; fine sand 53. Water at 53.
Con IX	" 5	Z. Pressey	W. Burwell	Sep. 30, 1965	5	6	35	25	"	D	Blue clay 49; sand 54. Water at 49.
Con IX	" 17	S. Vansevenant	"	Dec. 19, 1966	5	10	150	50	dirty		Sand 50; red clay 53; sand 103; putty sand 110; blue clay 215; putty sand 218; putty sand 219; shale 220; rock 223. Water at 223.
Con IX	" 10	W. Harper	Warren WaterWells	Oct. 27, 1967	5	5	41	31	Fresh	D	Sand 6; grey clay 33; dirty gravel 32; sand 41; sand 51. Water at 51.
Con IX	" 19	S. Backus	Cole Water Wells	Nov. 2, 1964	5	4	157	72	"	D, S	Yellow sand 60; putty sand 114; grey clay stones 149; sand 157. Water from 149 to 157.
Con IX	" 19	K. Thomas	W. Burwell	Sep. 22, 1966	5				"		Blue clay 80. Dry hole.
Con IX	" 21	G. Rugienis	Cole Water Wells	Mar. 18, 1966	5	4	95	65	"	D	Open hole 60; yellow sand stones 74; soft clay 88; sand 102. Water from 88 to 100.
Con IX	" 23	R. Carson	"	Apr. 28, 1966							Open hole 45; yellow sand 70; soft grey clay 146; putty sand 168; grey clay 197; rock 199. Dry hole.
Con IX	" 23	"	Hadco Well Digging Ltd.	May 9, 1966	30	3	36	46	"	D, S	Topsoil 2; brown sand clay seams 45; brown coarse sand 58. Water at 46.
Con IX	" 23	"	W. Locker	Mar. 15, 1967	5	4	45	45	"	D, S	Open well 60; brown grey sand 71; blue clay. Water from 45 to 71.
Con IX	" 24	T. Aspden	W. Burwell	Aug. 26, 1966	5	5	55	50	"	D	Red sand 5; blue clay 40; fine sand 45; blue clay 47; red sand 84; sand 87. Water at 84.
Con X	" 2	J. Maleschuk	W. Burwell	July 19, 1967	5	10	44	34	"	D	Red clay 34; sand 35; blue clay 74; sand 75; sandy clay 85; clay 100; sandy clay 104; coarse sand 109. Water from 104 to 109.
Con X	" 2	N. Cole	Warren WaterWells	July 26, 1967	5	5	37	24	"	D, S	Topsoil 2; yellow clay 12; grey clay 69; boulders 71; dirty pit gravel 88; sand 92. Water at 92.
Con X	" 5	E. Travis	"	July 29, 1967	5	5	26	22	Sulphur	D, S	Yellow clay 12; grey clay 47; pit gravel 76; gravel. Water at 76.
Con X	" 10	I. Cowan	Cole WaterWells	Oct. 23, 1964	5	10	186	30	"	D, S	Black loam 2; yellow clay 10; soft grey clay 65; grey clay stones 148; soft grey clay 186; rock. Water at 186.
Con X	" 15	N. Byerly	Warren WaterWells	Mar. 7, 1964	5	4	55	46	Fresh	D	Clay stones 50; fine sand 55. Water at 55.
Con X	" 15	R. Connors	W. Burwell	Nov. 14, 1964	5	10	36	31	"	D	Fine sand 20; grey clay 50; fine sand 56. Water at 50.
Con X	" 15	K. Gagnon	"	Dec. 2, 1964	5	10	43	36	"	D	Fine sand 20; grey clay 50; fine sand 56. Water at 50.
Con X	lot 15	B. Davis	Warren WaterWells	Nov. 25, 1965	5	6	50	41	Fresh		Yellow sand 14; grey clay 34; sand 45; sand 51. Water at 51.
Con X	" 15	N. Lounsbury	"	Jan. 20, 1966	5	10	40	38	"	D, S	Open pit 3; sand 11; clay stones 27; sand 45; fine sand 53. Water at 53.
Con X	" 15	W. Elkeer	W. Burwell	Dec. 9, 1967	5	5	40	37	"	D	Sandy loam 10; blue clay 37; sand 55. Water at 37.
Con X	" 17	P. Baurys	Warren WaterWells	May 29, 1967	5	2	58	36	"	D	Clay stones 18; sand 36; clay 51; fine sand 55; grey clay 58. Water at 55.
Con XI	" 18	D. Graydon	"	Aug. 31, 1967	5	5	56	53	"	D	Yellow clay 9; grey clay 41; yellow sand 62; fine sand 78. Water at 78.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)		
ELGIN COUNTY - cont. Bayham Twp. - cont.												
Gore S	" 15	A.Merez	W.Belore	Mar.31,1967	1 1/2	9	4	"	D	Dark sand 3;clay 20;sand 31. Water from 20 to 31.		
Gore S	" 15	J.Main	"	Sep.13,1967	1 1/2	10	6	"	D	Dark sand 4;clay 20;sand 32. Water from 20 to 32.		
Gore S	" 27	B.Hedges	Hadco Well Digging Ltd.	Jan. 7,1966	30	1	14	"	D	Brown sand 5;grey sand 15;brown quicksand 22;grey clay 36. Water from 15 to 22.		
Gore S	" 27	"	"	Jan. 7,1966	30	2	13	"	In	Brown sand 6;grey sand 14;brown quicksand 18;clay 30. Water from 14 to 18.		
Gore S	" 27	"	"	Nov. 2,1966	30	3	32	13	"	D	Topsoil 1;brown sand 12;blue sand 18;blue hard clay 30; blue sand 32;hardpan 35. Water at 13.	
Gore S	" 28	J.Jcuncika	"	Mar.15,1967	30	3	33	12	"	D	Topsoil 1;brown sand 11;blue sand 22;clay 23;blue sand 29; clay 35. Water at 12.	
TRN	" 109	W.Underhill	Hadco Well Digging Ltd.	May 12,1965	30	2	24	15	"	D,S	Topsoil 1;brown clay 11;blue sand 22; blue clay 24. Water at 18.	
TRN	" 109	C.Newland	Warren Water Wells	Oct.14,1966	5	6	100	95	"	D	Yellow clay 27;grey clay 46;grey putty sand 74;grey clay 88;hardpan stones clay 99; hard sand 108;sand 114. Water at 114.	
TRN	" 117	G.Schmeltz	R.Hudson	Oct. 7,1967	36	2	25	20	"	D,S	Sand 25;clay 30. Water at 20.	
TRN	" 120	Mitchell Farms	Hadco Well Digging Ltd.	May 6,1966	30	2	30	8	"	D	Topsoil 6;brown sand 14;blue sandy clay 19;blue clay 30. Water at 14.	
TRN	" 123	K.Blake	W. Belore	May 30,1966	1 1/2	6	16	"	"	D	Fine dark sand 4;sand gravel 16;coarse sand 35. Water at 16.	
TRN	" 123	W.Moore	"	Oct. 5,1966	1 1/2	6	16	"	"	D	Loamy soil 6;grey sand 16;medium sand 35. Water at 16.	
TRN	" 123	G.Taylor	Hadco Well Digging	Oct.15,1966	30	3	28	14	"	"	D	Topsoil 1;brown sand 8;brown clay 12;blue sandy clay 15; blue sand 30. Water at 15.
TRN	" 124	United Church	W.Belore	Apr.25,1964	1 1/2	4	13	"	"	P	Dark sand 4;red sand 7;grey sand 15;sand 32. Water at 15.	
TRN	" 124	N.Mitchell	"	June28,1966	1 1/2	6 1/2	19	"	"	D	Fine dark sand 3;fine red sand 8;fine grey sand 19;coarse sand 38. Water at 19.	
TRN	" 125	M.Chute	"	Jan.10,1964	1 1/2	6 1/2	13	"	"	D	Dark sand 2;red sand 10;grey sand 14;coarse sand 32. Water at 14.	
TRN	" 125	W.Wellwood	"	Mar.12,1964	1 1/2	2	19	"	"	D	Brown sand 2;red sand 6;blue clay 19;grey sand 31. Water at 19.	
TRN	" 125	J.Hotchkiss	"	Jan.24,1967	1 1/2	6	11	"	"	D	Dark sand 2;brown sand 6;red sand 10;grey sand 15;sand 32. Water from 15 to 32.	
TRN	" 125	W.Davis	"	May12, 1967	1 1/2	8	14	"	"	D	Dark sand 3;red sand 8;grey sand 16;sand 31. Water from 16 to 31.	
TRN	" 126	P.Millard	C.B. Norman	Oct. 9,1964	6	3	19	"	"	D	Sand 5;stony clay 19;fine sand.24. Water at.19.	
TRN	" 127	M.Platteeuw	J.Weaver & Son	July16,1964	1 1/2	4	14	"	"	D	Open well 15;blue putty sand clay streaks 30. Water at 14.	
TRN	" 127	"	Hadco Well Digging Ltd.	May 12,1966	30	2	26	14	"	D	Topsoil 1;brown sandy clay 8;blue sandy clay 14;blue sand 26. Water at 14.	
TRS	" 110	W.Honsinger	R.Hudson	Oct. 1,1966	36	1	25	22	"	D,S	Sand 12;blue clay 20;fine sand 32. Water at 22.	
TRS	" 121	W.Taylor	W.Burwell	June17,1966	5						Fine sand 20;blue clay 30;soapy sand 50. Dry hole.	
TRS	" 123	M.Verbrugghe	Warren WaterWells	Oct. 1,1964	5	2	53	22	"	D	Yellow sand 28;grey sand 31;clay putty sand 46;fine sand 52; clay 53. Water at 31 and 52.	
TRS	" 123	A.Evelly	W.Belore	Sep.22,1965	1 1/2	5	22	22	"	D	Open 5;red sand 15;brown marrow 17;white sand 22;sand 47. Water at 22.	
TRS	" 123	D.Bartlett	"	Sep.22,1965	1 1/2	5	22	22	"	D	Open hole 5;red sand 15;brown marrow 17;white sand 22;sand 47. Water at 22.	
TRS	" 123	C.Rush	W.Burwell	Dec. 9,1965	1 1/2	5	20	15	"	D	Red sand 34;medium sand 39. Water at 34.	
TRS	" 124	A.McKim	W.Belore	June14,1965	1 1/2	6	11	"	"	D	Dark sand 2;red sand 7;grey sand 14;coarse sand 30. Water at 14.	
TRS	" 124	D.Valley	"	July20,1965	1 1/2	6	17	17	"	D	Open hole 2;white sand 4;grey fine sand 22;sand 41. Water at 20.	



ELGIN COUNTY - cont.

Bayham Twp. - cont.

TRS	lot 124	L. Grant	W. Burwell	Jan. 31, 1967	2	6	27	25	Fresh	D	Red sand 25; coarse sand 32. Water from 25 to 32.
TRS	" 124	K. Everett	W. Belore	Sep. 1, 1967	1 1/4	10		17	"	D	Dark sand 2; red sand 10; grey sand 21; sand 40. Water from 21 to 40.
TRS	" 125	J. Taylor	W. Burwell	Oct. 24, 1967	1 1/4	5		13	"	D	Red sand 18; sand 26. Water from 18 to 26.
TRS	" 126	M. Volkaert	W. Belore	June 15, 1967	1 1/4	12		18	"	D	Red sand 5; grey sand 20; sand 37. Water from 20 to 37.
TRS	" 131	T. Wells	"	July 7, 1964	1 1/4	4		25	"	D	Grey sand 23; hardpan 26; grey sand 40. Water at 26.
TRS	" 136	D. Ratz	W. Burwell	Nov. 7, 1967	1 1/4	10		10	"	D	Red sand 6; grey sand 14; sand 33. Water from 14 to 33.
TRS	" 136	"	"	Nov. 6, 1967	1 1/4	2		12	"	D	Old dug well 18; sand 25. Water from 18 to 25.
TRS	" 136	"	"	Nov. 6, 1967	1 1/4	2		12	"	D	Red sand 26. Water from 18 to 26.

Dunwich Twp.	lot 2	Bell Doon Farms	W. Dale	July 3, 1967	5						Brown sand clay 8; blue clay 127; blue clay gravel 223; clay gravel 233; black shale 265; brown limestone 288. Dry hole.
Con III	" 24	Imperial Oil Co. Ltd.	Dolphin & Earl	Oct. 31, 1965	4	2 1/2	126	51	Fresh	C	Topsoil 2; sand 20; blue clay 120; sand 140; hardpan 225; sand 235
Con VII	" 14	J. McKillop	S. Earl	July 28, 1967	4 1/2	5	175	135	"	N	Black rock 237. Water at 236.
Con VII	" 14	"	"	July 13, 1967	4 1/2						Clay 283; sand 287; stones 288; clay 306; clay stones 350; limestone 351. Water from 283 to 287.
Con VII	" 14	"	"	Aug. 9, 1967	4 1/2						Clay 278; hardpan 326. Dry hole.
Con VII	" 20	B. Daniels	R. Dolphin	May 10, 1965						N	Clay 215; hardpan 279; stones 281; clay 337; limestone 338. Dry hole.
Con VII	" 20	S. Fordor	W. Dale	July 15, 1965	5	5	70	43	Sulphur	D, S	Yellow sand clay 8; blue clay 181; clay sand 190; blue clay 260; hardpan 264; sand gravel 265. Water at 264.
Con IX	" 10	D. Simpson	R. Dolphin	Oct. 1, 1964	4	7	100	90	Sulphur	S	Topsoil 2; brown clay 21; blue clay 64; grey clay 201; muddy clay sand 208; blue clay 255; hardpan 267; gravelly shale streak limestone 300; gravel gas 305. Water from 302 to 305.
Con X	" 12	A. Littlejohn	L. Marcus	Nov. 1967	6 1/2	3	142	80	Fresh	S	Yellow clay 15; blue clay 185; hardpan 190; sand gravel 193; hard sand 240. Water at 190, 193 and 240. Salty.
Con XI	" C	E. Livingstone	C. Warren	June 4, 1966	5	10	135	40	"	D, S	Sand 8; sand 12; clay 161; sand 164. Water from 161 to 164.
Con XII	" C	House Bros.	R. Hudson	Aug. 26, 1967	40						Sandy loam 6; clay 198; gravel 203. Water from 198 to 203.
Con XII	" 24	Port Talbot Farms	"	May 18, 1965	36	6	15	5	"	D	Sand 6; blue clay 46. Dry hole.
											Brown clay 8; blue clay gravel streaks 16. Water at 5.
Malashie Twp.	lot 4	W. King	Hadco Well Digging Ltd.	May 11, 1965	27 1/2	3	30	16	Fresh	D	Topsoil 1; brown sandy clay 8; blue clay 16; blue sand 25; blue clay 30. Water at 16.
Con I	" 4	T. Watt	"	July 13, 1967	30	3	40	10	"	D	Topsoil 2; brown clay 14; blue clay 32; blue sand 40. Water at 32.
Con I	" 6	G. McClatchie	R. Hudson	July 6, 1965	36 1/2	7	12	6	"	D	Sand 8; gravel stone 16. Water at 6.
Con I	" 20	B. Belmer	W. Burwell	Mar. 24, 1967	5						Sandy loam 6; blue clay 150. Dry hole.
Con I	" 32	B. Heymer	"	Feb. 13, 1964	5	35	30		"	D, S	Clay 50; sand 62. Water at 62.
Con II	" 11	H. Tate	Warren Well Drlg.	Nov. 5, 1967	4	5	42	6	"	D	Sand 43. Water from 6 to 43.
Con II	" 19	P. Hendel	W. Burwell	Mar. 25, 1967	1 1/4	5	15	11	"	S	Sand 15; sand 19. Water at 15.
Con II	" 19	"	"	Mar. 16, 1967	1 1/4	7	15	11	"	S	Sand 12; sand 17. Water at 12.
Con II	" 22	A. Colpaert	W. Locker	Nov. 25, 1965				5	"	T	Topsoil 1; yellow sand 6; grey clay 8; fine grey sand 18; putty sand 22; clay. Water from 8 to 18.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Malahide Twp.- cont.										
Con II lot 26	W.Irwin	W.Locker	July 23, 1965	5						Sandy loam 2; brown clay 35; putty sand 92; blue clay 150. Dry hole.
Con III " 11	H.Kent	J.Weaver & Son	Feb. 3, 1964	1 1/2	4		18	Fresh	D	Pit 4; brown sand 14; white sand 18; brown clay 18 1/2; brown putty sand 25. Water at 18.
Con III " 35	G.Coysmann	Warren WaterWells	Dec. 4, 1964	4	1	26	6	"	D,S	Yellow sand 14; fine sand 22; clay sand 26. Water at 22.
Con IV " 13	L.VanPatter	J.Weaver & Son	Apr. 9, 1964	1 1/2	250		32	"	D	Open well 30; brown putty sand 57; blue quicksand 65. Water at 32.
Con IV " 14	U.Westover	Hadoo Well Digging Ltd.	Feb. 26, 1964	27 1/2	1/2		24	"	D,S	Topsoil 1; brown sand 30. Water at 24.
Con IV " 16	I.Fehr	C.Warren	July 26, 1966	4	4	40	23	"	D	Blue clay 32; medium sand 40. Water from 32 to 40.
Con IV " 16	J.Fehr	R.Hudson	Oct. 2, 1967	36	50	35	22	"	D	Blue clay 40; coarse sand 41. Water at 40.
Con IV " 16	I.Wiebe	E.Hoover	Oct. 10, 1967	7	3	28	22	"	D	Topsoil 2; red sand 38; fine sand 40. Water at 38.
Con IV " 18	P.Ingram	R.Hudson	July 20, 1967	26	3	18	9	"	D,S	Sand 26. Water at 9.
Con V " 9	A.Howe	Cole Water Wells	Oct. 18, 1966	5	5	50	36	"	D,S	Black loam 1; yellow sand 3; gravel clay 30; yellow sand 44; black white sand 94. Water from 75 to 94.
Con V " 9	"	"	Oct. 25, 1966	5	5	70	36	"	D	Open hole 30; gravel clay 35; yellow sand 45; black white sand 97. Water from 45 to 97.
Con V " 10	H.Howe	C.Kent Water Well Drilling	July 23, 1964	5	2	96	53	"	D	Yellow sand 10; clay compacted gravel sand 55; fine silty sand 74; fine sand silt 97; soft clay. Water from 74 to 97.
Con V " 10	H.Kent	Cole Water Wells	July 6, 1967	5	4	72	55	"	D	Topsoil 1; yellow clay 18; grey clay 65; sand 85; black white sand 98. Water from 85 to 98.
Con V " 10	G.Greenwood	"	July 24, 1967	5	5	90	40	"	D	Topsoil 1; yellow clay 16; yellow sand 20; grey clay 69; white sand 80; black white sand 96. Water from 85 to 96.
Con V " 11	A.Verscheure	"	June 26, 1967	5	4	85	55	"	D	Fill topsoil 3; yellow clay 18; grey clay 70; sand 85; black white sand 100. Water from 85 to 100.
Con V " 17	O.Liddle	R.Hudson	June 30, 1966	36	4	25	7	"	D,S	Sand 26; blue clay 27. Water at 15.
Con V " 18	"	"	July 1, 1966	36	4	25	7	"	D,S	Sand 26; blue clay 27. Water at 15.
Con VII " 34	C.Ostrander	"	Nov. 30, 1966	36	2	25	15	"	D,S	Brown sand 15; quicksand 30; blue clay. Water at 15.
Con VIII " 10	E.Simons	E.Hoover & Son	Apr. 25, 1966	5	1	105	80	"	D	Topsoil 2; blue clay stones 100; putty grey sand 124; fine sand 160; coarse sand 175. Water at 175.
Con VIII " 14	D.Shackelton	W.Dale	Oct. 26, 1964	5	11	64	58	"	D,S	Topsoil 2; gravel 9; brown clay gravel 38; blue clay 71; grey clay gravel streaks soft clay 228; blue clay 247; soft grey shale 249; grey shale 250. Water from 249 1/2 to 250.
Con VIII " "	"	Cole WaterWells	June 14, 1967	5	20	50	50	"	D,S	Black loam 1; yellow clay 15; grey clay 45; sand 75; black white sand 85; dirty gravel clay 125; grey clay 241; rock oil 244; water from 145 to 146.
Con VIII " 25	M.Vanlingen	C.Norman	May 15, 1967	3	5	15	9	Sulphur	D,S	Topsoil 2; grey clay stones 49; gravel 50. Water from 48 to 50.
Con VIII " 30	I.Pehr	E.Hoover & Son	Oct. 2, 1967	5	6	100	40	Fresh	D,S	Topsoil 1; blue clay 100; red clay 120; blue clay 142; gravel 143. Water at 142.
Con IX " 9	V.Verougstereate	"	Dec. 17, 1965	5	1	135	80	"	D,S	Topsoil 3; blue clay 75; sand gravel clay 130; fine pasty sand 150; fine sand gravel 151. Water at 150.
Con IX " 20	St.John's United Church	Cole WaterWells	Jan. 7, 1966	5	4	90	30	"	P	Black loam 1; yellow clay 17; grey clay 50; dirty gravel clay 105; sand gravel 110. Water from 105 to 110.
Con IX " 20	E.Carroll	"	May 27, 1966	5	5	65	20	"	D	Black loam 1; yellow clay 15; grey clay stones 32; dirty gravel clay 72; sand 78. Water from 72 to 78.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ELGIN COUNTY - cont.											
Malahide Twp. - cont.											
Con IX	lot 26	F.Mouland	Cole Water Wells	June 2, 1966	5	5	50	20	Fresh	D	Black loam 1; yellow clay 14; grey clay 30; dirty gravel 55; gravel 58. Water from 55 to 58.
Con IX	" 20	M.Shively	"	Sep. 6, 1967	5	5	75	20	"	D	Black loam 2; yellow clay 15; grey clay stones 32; dirty gravel mixed with clay 90; sand 104; fine gravel 110. Water from 104 to 110.
Con X	" 22	R.Bagnall	W.McBeth	June 28, 1964	4½	5	65	55	"	D	Clay large stones 15; sandy clay 118; gravel hardpan 200; fine sand 210; sticky blue clay 228; gravel. Water at 228.
N.Gore	" 93	R.Heffern	Warren WaterWells	Jan. 27, 1964	5	10	46	40	"	D, S	Yellow sand 16; grey clay 48; gravel 61; grey sand 66. Water from 61 to 66.
TRN	" 74	R.Lewis	E.Mitchell	June 10, 1967	5	4	60	50	"	D	Grey clay 5; grey clay sand 89; sand 92. Water at 91.
TRN	" 74	Baertsoen Mfg.	Warren Well Drlg.	Sep. 23, 1967	5	5	107	51	"	D	Clay 90; clay gravel 104; gravel 107. Water at 107.
TRN	" 77	G.Judd	"	Dec. 23, 1966	5	5	113	33	"	D	Clay 50; clay gravel 110; sand 113. Water from 110 to 113.
TRN	" 89	R.Westra	W.Dale	Sep. 7, 1967	5	5	56	33	"	D, S	Grey clay gravel 48; blue clay 96; clay gravel sand 156; sand 158; grey clay 160. Water from 157½ to 158.
TRN	" 92	S.S. #13	E.Hoover & Sons	Aug. 12, 1965	5	12	97	60	"	P	Topsoil 2; soft clay 26; fine sand 30; blue clay 135; gravel 137. Water at 135.
TRN	" 92	"	"	Aug. 25, 1965	5						Topsoil 2; yellow sand 10; soft clay 49; fine pesty sand 60; soft blue clay 155; putty sand 158; clay 170; fine putty sand 183; clay stones 222; fine putty sand 230; hardpan 265; clay 275. Dry hole.
TRN	" 92	"	"	Sep. 8, 1965	5	12	100	70	Fresh	P	Topsoil 2; fine yellow sand 38; soft blue clay 130; sand gravel 133. Water at 130.
TRN	" 96	K.J.Ward	Cole Water Wells	Dec. 21, 1965	5	3	65	35	"	D	Black loam 2; yellow clay 16; grey clay stones 64; sand 73. Water from 64 to 73.
TRS	" 1	J.Walker	W.McBeth	Oct. 20, 1964	5½	5	55	50	"	D	Blue clay 25; fine sand 50; gravelly hardpan 110; gravel 112. Water at 110.
TRS	" 77	Pleasant Valley Golfld.	H.Warren	July 15, 1967	5	20	120	72	"	D	Clay 70; sand 142. Water at 126.
TRS	" 78	D.Durdle	C.H.Kent	June 4, 1964	5	2½	92	26	"	D	Yellow clay 17; grey clay 48; stones grey clay 50; grey clay 65; sand fine gravel 68; cemented gravel coarse sand 85; fine sand 93. Water at 93.
TRS	" 79	R.Facey	R.Hudson	Sep. 30, 1966		1	15	10	"	D	Sand 10; blue clay 20. Water at 10.
TRS	" 90	S.Ryan	C.Warren	Oct. 4, 1966	4	10		54	"	D	Sandy clay 57; sand 66. Water at 58.
TRS	" 91	R.Banman	"	July 4, 1966	4	15	63	53	"	D, S	Sandy loam 7; blue clay 34; sand 53; sand 63. Water from 53 to 63.
TRS	" 92	M.Learn	Cole Water Wells	Aug. 3, 1967	5	5	80	26	"	D	Topsoil 2; yellow clay 35; yellow sand 75; black white sand 90. Water from 80 to 90.
TRS	" 93	E.Stirling	R.Hudson	Sep. 28, 1966	36	5	40	30	"	D	Gravel 12; blue clay 30; fine sand 47. Water at 30.
TRS	" 93	P.Gtesbrecht Jr.	"	Oct. 3, 1967	36	3	40	30	"	D	Blue clay 30; sand 46. Water at 30.
TRS	" 93	Mennonite Church	"	Oct. 4, 1967	36	3	18	11	"	P	Gravel 12; clay 20. Water at 11.
TRS	" 94	R.Thomas	"	Nov. 26, 1966	36	4	25	9	"	D	Brown clay 12; blue clay 25; sand 35. Water at 25.
TRS	" 103	M.Carter	Cole Water Wells	Apr. 16, 1964	5	2½	64	40	"	S	Black loam 2; yellow clay 14; soft grey clay 66; sand 74. Water from 66 to 74.
TRS	" 106	White Villa Restaurant	Warren WaterWells	Sep. 19, 1966	5	3	91	90	"	D	Grey clay 46; putty sand 64; clay stones 75; sand 97; sand 102; clay silt 110. Water at 102.
TRS	" 108	W.Schaap	J.Weaver & Son	Mar. 15, 1964	1½	3		38	"	D, S	Open well 20; white sand 38; brown quicksand 43. Water at 38.
TRS	" 108	G.Acre	R.Hudson	Dec. 2, 1966	36	½	55	45	"	D	Brown clay 10; blue clay 50; fine sand 62. Water at 50.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Port Burwell Village Con I lot 12	OWBC	F.E.Johnston Drilling Co.Ltd.	Feb. 2, 1966	7			Flows		T	Black loam 1; brown clay stones 15; grey clay stones 185; hardpan 187; silty fine sand 187; hard black shale 188. Water at 187.
Con I " 18	A.Turos	W.Burwell	Sep. 26, 1967	1 1/2	8	8	6	Fresh	D,S	Red sand 8; sand 16. Water at 8.
South Dorchester Twp. Con VII lot 2	W.Walker	W.McBeth	June 15, 1966	5 1/2	5	27	20	Fresh	D	Brown clay 20; putty sand 70; fine gravel 72. Water from 70 to 72.
Con VII " 3	L.Daniels	Cole Water Wells	Apr. 9, 1964	5	4	43	29	"	D	Black loam 3; yellow clay stones 42; yellow sand streaks gravel 49; sand 55. Water from 49 to 55.
Con VIII " B	T.Pasma	E.Hoover & Son	Mar. 16, 1964	5	3	70	70	"	D,S	Clay 95; clay stones 200; sand 265; clay stones 293; brown lime-stone 295. Water at 294.
Con VIII " C	H.Row	"	Aug. 27, 1966	4	9	78	35	"	D,S	Well previously drilled 140; sand gravel clay 190; gravel 191. Water at 191.
Con VIII " 9	J.Carrell	"	Mar. 4, 1964	5	4	90	60	"	D,S	Red clay 15; blue clay 90; sand 195. Water from 90 to 195.
Con VIII " 12	F.Coleman	"	Aug. 3, 1965	5	2 1/2	93	83	"	D,S	Topsoil 2; blue clay 123; fine putty sand 125; blue clay 188; sand gravel 189. Water at 189.
Con VIII " 24	R.Taylor	W.Dale	Apr. 9, 1965	4	4	84	22	"	D,S	Well previously drilled 101; soft grey clay 137; sand 147. Water from 144 to 147.
Con IX " 5	H.Charlton	E.Hoover & Son	Nov. 13, 1967	5	9	91	80	"	D,S	Top pit clay 5; blue clay 133; gravel 143. Water at 133.
Con IX " 10	R.Ferguson	W.McBeth	Apr. 23, 1964	4 1/2	5	150	85	"	D,S	Hard clay 45; stony hard sand 180; hardpan 192; gravel. Water at 192.
Con IX " 13	R.Bond	E.Hoover & Son	Jan. 2, 1965	5 1/2	3	65	55	"	D	Red clay 20; blue clay 185; gravel sand 190. Water from 185 to 190.
Con IX " 13	J.Watters	"	Oct. 31, 1966	5	4	140	80	"	D	Topsoil 2; blue clay 176; gravel 197. Water at 177.
Con IX " 15	Public School Board	Cole Water Wells	July 28, 1965	5	15	100	70	"	P	Clay loam 2; yellow clay 8; soft grey clay 75; hard grey clay stones 110; soft grey clay 170; hard grey clay stones 175; sand 185; fine gravel sand 210. Water from 185 to 210.
Con IX " 19	J.Hide	W.McBeth	Sep. 16, 1964	5 1/2	6	75	65	"	D,S	Blue clay 70; sand 125; soapstone 145; fine sand 180; hardpan 184; gravel 185. Water at 184.
Con X " A	Harward	Cole Water Wells	Dec. 13, 1965	5	5	125	100	"	D,S	Yellow clay 22; grey clay stones 75; dirty gravel clay 112; sand 125; fine gravel sand 144. Water from 130 to 144.
Con X " 17	A.Wood	E.Mitchell	Mar. 28, 1964	5	4	95	65	"	D	Clay 130; clay gravel 180; sand 200; hardpan 203; gravel 205. Water at 140, 180 and 204.
Con X " 18	G.Pettit	E.Hoover & Son	June 23, 1966	5	3	75	65	"	D,S	Topsoil 3; blue clay 152; putty grey sand 160; blue clay 169; fine gravel 170. Water at 170.
Con X " 21	W.Moore	R.Helkaa	Oct. 27, 1965	5	3	85	80	Sulphur	D,S	Clay 150; sand silt 235; sand 293; brown rock 300. Water at 300.
Con XI " 6	F.Charlton	Cole Water Wells	May 5, 1964	5	3	95	48	Fresh	D,S	Yellow clay 17; soft grey clay 55; grey clay stones 102; sand 106. Water from 102 to 106.
Con XI " 12	S.Dorchester Township	E.Hoover & Son	May 12, 1964	5 1/2	5	103	70	Sulphur	C	Topsoil 5; red clay 25; blue clay 80; dirty sand 275; brown limestone 280. Water at 276.
Con XI " 15	N.Simpson	"	Oct. 24, 1964	5	3	65	45	Fresh	D	Topsoil 3; red clay 20; blue clay 130; fine putty sand 150; grey fine sand 160; coarse grey sand 175. Water at 170.
Con XII " 4	M.Sheppard	Cole Water Wells	Aug. 15, 1966	5	5	36	20	"	D,S	Yellow clay 7; yellow sand 22; dirty gravel 50; fine gravel 58. Water from 50 to 58.
Con XII " 6	P.Walker	"	Apr. 25, 1964	5	8	70	31	"	D	Black loam 2; yellow clay 15; grey clay streaks sand 45; grey clay stones 100; dirty gravel streaks clay 109; sand 115. Water from 109 to 115.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ELGIN COUNTY - cont.

Southwold Twp.

Con B	lot	1	R.Middleton	R.Hudson	Mar.10,1965	36½	1	24	12	Fresh	D	Hard blue clay 18;fine sand 26. Water at 18.
Con B	"	1	R.Wood	"	July19,1965	36	1	26	14	"	D	Brown clay 18;blue clay 18;grey clay 20;grey clay 20.
Con C	"	1	V.McCarthy	Hadco Well Digging Ltd.	Jan.14,1964	5	0	150	68	"	D,S	Sand clay 55;clay 230;sand 234. Water from 230 to 234.
Con D	"	2	P.Newland	R.Hudson	June17,1965	36			24	"	D	Brown clay 20;gravelly clay 24;blue clay 42. Water at 24.
Con II	"	1	V.McCarthy	Hadco Well Digging Ltd.	Jan.26,1967	5	8	25	5	"	D	Brown clay 12;blue clay 155;hardpen blue clay 217;sand gravel 220. Water at 219.
Con IV	"	25	E.Latimer&Sons	W.Dale	May 2, 1964	5	8	105	4	Fresh	D,S	Topsoil 2;brown clay 8;grey clay 176;grey clay gravel 204; grey clay 233;muddy gravel 236;grey clay 262;gravelly shale 264. Water from 262 to 264.
Con IV	"	26	M.White	R.Hudson	Feb.19,1964	36						Brown clay 15;blue clay 30. Dry hole.
LEN Range I	"	5	D.& P. Jones	"	Nov.23,1967	36					D,S	Sand 5;blue clay 15. Water at 5.
" I	"	5	"	"	Nov.25,1967		3	30	22	Fresh	D,S	Blue clay 24;quicksand 28;blue clay 34. Water at 24.
" I	"	9	H.Rodgers	Hadco Well Digging Ltd.	Mar.12,1964	30	2	58	40	"	S	Topsoil 1;brown clay 18;blue clay 36;blue sand 60. Water at 40.
" III	"	5	A.McCandless	"	May 25,1964	30	2	65	32	"	D,S	Topsoil 1;brown clay 16;blue clay 40;blue sand 44;blue clay 50;blue sand 65. Water at 40 and 50.
" III	"	6	M.McCandless	"	Nov.15,1967	30	3	57	40	"	D	Topsoil 2;brown clay 12;blue clay 40;blue sand 43;blue clay 50;grey sand 58;blue clay 60. Water at 40 and 50.
LRS Range I	"	13	A.Garley	"	May 22,1964	30	2	57	50	"	D	Topsoil 1;brown sandy clay 9;blue clay 42;brown clay hardpen 50;brown sand 52;blue sand 60. Water at 52.
" I	"	14	O.Back	"	July 8,1967	30	3	68	54	"	D	Topsoil 2;brown clay gravel 5;blue clay 24;brown sand 57;blue clay 58;blue sand 61;blue clay 68. Water at 54 and 58.
MRW Range I	"	4	N.Cambell	R.Hudson	Feb.18,1964	36						Topsoil 2;brown sand 15;blue sand 18. Dry hole.
" IV	"	1	J.Jackson	"	Jan.8,1964	36	1	24	20	"	D,S	Brown sandy clay 18;fine sand 32. Water at 20.
RRW Range I	"	7	R.Fritsch	Hadco Well Digging Ltd.	Oct.27,1965	30			12	"	D	Sandy clay 4;grey sand 7;blue clay 12;brown sand 13;blue clay 31. Water from 12 to 13.
TREB NS	"	16	V. Parrack	R. Hudson	Feb. 4, 1967	36	3	25	4	"	D	Blue clay sand streaks 20;fine sand 27. Water at 15.
NS	"	17	J.H.Glover	"	Oct.19,1966	36	2	40	20	"	D	Brown clay 18;fine sand 47. Water at 40.
NS	"	19	K. Moore	"	Feb.13,1964	36	1	15	10	"	D,S	Topsoil 2;dirty sand 8;quicksand 24. Water at 10.
NS	"	19	L. Davies	Hadco Well Digging Ltd.	Nov. 3, 1966	30	2	28	20	"	D	Topsoil 1;brown clay 12;blue clay 22;blue sand 30. Water at 23.
NS	"	44	J.Small	"	June21,1965	5½	12	120	54	"	D	Clay 8;boulders clay 10;soft grey clay 125;fine gravel 129; grey clay 135;grey clay cemented gravel 152. Water from 125 to 129 and from 135 to 137.
NS	"	45	S.Meeuwisse	R. Hudson	Aug.26,1964	36	2	8	4	"	D	Gravel 8;blue clay 17. Water at 4.
TREB SS	"	18	W. Glover	"	Feb.12,1964	36	1½	24	8	"	D,S	Topsoil 1;brown clay 20;sand 28. Water at 24.
SS	"	18	Southwold S.S.#1	International Water Supply Ltd.	Nov. 3, 1964						N	Brown clay 8;blue clay 14;blue clay silt 24;fine silty sand 42;blue red clay 134;blue clay small gravel streak 317;limestone
SS	"	18	Twp. Hall	R. Hudson	Aug.25,1967	36	4	30	22	"	P	Sandy clay 22;fine sand 36. Water at 22.
SS	"	19	H. Annett	"	Oct.22,1966	36	4	30	22	"	D	Silty sand 24;fine sand 40. Water at 22.
SS	"	23	W. Pervis	Hadco Well Drilling & Digging Ltd.	Nov.15,1967	30	3	25	16	"	D	Topsoil 1; brown clay 7;grey clay 16;grey sand 28;blue clay 30. Water at 16.
SS	"	25	E. Hagerty	R. Hudson	Jan.15,1965	36	8	8½	5	"	D,S	Topsoil 1;sand 8;quicksand 18. Water at 7.
SS	"	25	C. Kerkviet	"	Oct.20,1966	36				"		Silty sand 16;blue clay 45. Dry hole.
SS	"	25	E. Hagerty	"	Oct.21,1966	36	1	25	15	"	D,S	Sandy clay 15;fine sand 30. Water at 15.
SS	"	32	J. Curtis	C.Warren	Sep.21,1964	5	5	20	36	"	D,S	Blue clay 205;gravel 210. Water from 205 to 210.
SS	"	39	H. Dubber	R. Hudson	Sep.29,1964							Brown clay 15;blue clay 32. Dry hole.
SS	"	41	G. Pearson	"	Nov.14,1964	36						Brown clay 10;blue clay 46. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *			OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Southwold Twp. - cont.												
TRNB	ES	1st D	Elgin Veterinary Clinic	C. Warren	May 28, 1964	5	2	140	40	Fresh	S	Clay 143; gravel 147. Water from 143 to 147
	ES	" 42	S. Oigma	W. Dale	July 29, 1966	5	6	130	77	"	D, S	Brown clay 14; grey clay 32; blue clay 127; blue clay gravel 161; hardpan 181; muddy sand 185; grey clay gravel 192; gravel 195; grey clay 196. Water from 192 to 195. Topsoil fill 2; brown clay 12; blue grey clay 25. Dry hole.
	ES	" 44	J. Bromley	Hadco Well Digging	Feb. 13, 1964	30						Brown clay 2; blue clay 30. Dry hole.
	ES	" 44	H. Tonkin	R. Hudson	Apr. 27, 1967	36						Topsoil 2; brown clay gravel 9; soft sand clay stone 115; soft clay stone 177; clay gravel 185; clay gravel hard boulders 200; clay gravel odd boulder 235; hard clay gravel boulders 262; brown limestone 267. Water at 267.
	ES	" 46	Ford Motor Co. of Canada	International Water Supply Ltd.	May 17, 1966	5	31	38 1/2	28	Sulphur	In	Topsoil 2; brown clay stone 12; grey blue clay 15; blue clay stone 135; gravel 136; hard clay boulder 174; hard clay boulders 188; clay gravel boulders 192; hard clay odd boulder 227; hard clay sand 274; clay odd boulder 277; clay gravel 278; rock. Topsoil 1; brown clay 8; boulders 9; clay gravel 20; soft blue clay sand 90; soft clay gravel 126; clay boulders 132; soft clay some sand 140; clay boulders 173; hard clay odd boulder 257; rock 263.
	ES	" 47	Ford Motor Co. of Canada	International Water Supply Ltd.	May 26, 1966							Topsoil 2; brown clay gravel 8; sandy clay stones odd boulders 126; soft sandy clay 146; clay 158; clay boulders 166; hard clay gravel odd boulders 265; clay gravel boulders 267; clay gravel 277; rock.
	ES	" 48	Ford Motor Co. of Canada	International Water Supply Ltd.	Mar. 29, 1966							Blue clay 25; brown sand 27; grey sand 32. Water from 27 to 32
	ES	" 49	Ford Motor Co. of Canada	International Water Supply Ltd.	Apr. 5, 1966							Blue clay 60. Dry hole.
TRNB	NS	" F	G. Wright	Hadco Well Digging Ltd.	Dec. 1, 1965	27 1/2	1		24	Fresh	D	Sandy clay 16; blue clay 27. Water at 12.
	NS	" 8	M. Emery	R. Hudson	May 7, 1966							Brown clay 10; quicksand 15; blue clay 30. Water at 12.
	NS	" 15	United Church Manse	"	May 10, 1966	36	1	25	5	Fresh	D	Sand 10; blue clay 20. Water at 6.
	NS	" 16	L. Bogart	"	Aug. 29, 1967	36	1 1/2	30	12	"	D	Topsoil 3; dirty sand 10; clay 10 1/2. Water at 4.
	NS	" 26	R. Cox	"	Sep. 7, 1966		1	16	6	"	D, S	Sand 7; blue clay 13. Water at 6.
	NS	" 27	A. Beharrell	"	Jan. 3, 1964	36	1	9	4	"	D, S	Brown clay 12; sandy blue clay 18; sandy grey clay 28. Water at 18.
	NS	" 27	R. Pife	"	Jan. 4, 1964	36	1	10	6	"	D, S	Sand 14; fine gravel 17. Water from 14 to 17.
TRNB	SS	" 14	"	"	Jan. 7, 1964	36			18	"	S	Sandy clay 20; fine sand 41. Water at 20.
	SS	" 35	G. Payne	C. Warren	Aug. 24, 1966	4	6		8	"	D, S	Topsoil 1; brown sandy clay 8; blue sandy clay 24; silty sand 40. Water at 23.
URN	Range I	" 11	R. Ketchum	R. Hudson	Aug. 30, 1967	36	3	35	20	"	D, S	Sandy 28; clay 32; muddy sand 48; clay 51; sand 56. Water from 51 to 56.
URS	" I	" 11	"	"	Feb. 15, 1964	36	1	30	23	"	D, S	
URS	" 1	" 14	F. Thomas, Estate	C. Warren	Apr. 21, 1966	4	4 1/2	56	27	"	D	
Springfield Village												
			M. Brown	Cole Water Wells	Sep. 5, 1964	5	4	33	21	Fresh	D	Open hole 12; grey clay 41; sand gravel 45. Water from 41 to 45.
			E. Charlton	C. Norman	Sep. 30, 1964	4	2	48	30	"	D	Stony clay 84; coarse sand 85. Water at 84.

ELGIN COUNTY - cont.  
Springfield Vlg. - cont.

			R. Collins	Cole Water Wells	Jan. 4, 1965	5	2	91	36	Fresh	D	Black loam 2; yellow clay 14; grey clay stones 89; sand gravel 91. Water from 89 to 91.
			A. White	"	Jan. 15, 1966	5	2	102	22	"	"	Black loam 2; yellow clay 13; grey clay stones 26; sand 29; grey clay stones 110; dirty gravel clay 119; sand 123. Water from 119 to 123.
			Springfield School	E. Hoover & Sons	Sep. 15, 1965	5	8	80	20	"	P	Topsoil 3; sand stones 25; fine putty sand 48; hardpan 86; sand gravel 87. Water at 86.
			G. Fentie	W. McBeth	Nov. 4, 1966	5 1/2	5	11	7	"	D	Sticky brown clay 52; hardpan 53; gravel 54. Water at 52 and 53.
			Village of Springfield	J. D. Crowley & Ass	Dec. 20, 1966	8					T	Fill 2; grey till boulders 30 1/2; gravel hardpan 31; coarse sand 34; light grey till darker grey till 82; fine coarse sand 94; very fine sand 97. Water from 31 to 34 and from 82 to 94.
			W. Shackleton	R. Helkaa	Oct. 21, 1967	5	3	18	7	"	D	Clay 23; sand 27. Water at 23.
			S. Nesbitt	"	Oct. 31, 1967	5	3	18	8	"	D	Clay 23; sand 27. Water at 23.
Yarmouth Twp.												
Con I	lot	3	M. Virag	C. Kent	Apr. 23, 1964	5						Yellow sand 15; grey sand 23; grey clay 42; yellow sand 50; grey sand 95; clay 98. Dry hole.
Con I	"	3	"	"	May 4, 1964	5						Yellow sand 30; yellow sand clay 35; blue clay 52; brown sand clay 55; dirty brown sand 70; dirty sand clay 90. Dry hole.
Con I	"	3	J. Weir	R. Hudson	Sep. 28, 1964	36			10	Fresh	D	Sand 10; sand 12; sandy blue clay 17. Water at 10.
Con I	"	7	K. Barendregt	C. Kent	May 13, 1964	5					N	Dug well 22; yellow sand 38; clay 40.
Con I	"	7	"	"	May 19, 1964	5	1 1/2	60	21	"	N	Yellow sand 35; clay 60. Water from 21 to 35.
Con I	"	7	"	"	May 23, 1964	3	3	54	18	"	D	Sandy loam 2; yellow clay 20; fine quicksand 55. Water from 20 to 55.
Con I	"	8	S. Ivan	"	Apr. 16, 1964	3	4	50	17	"	D	Brown loam 2; yellow clay 12; yellow sand 40; grey quicksand 52. Water from 40 to 52.
Con I	"	10	A. Kosynski	"	May 7, 1964	5						Yellow sand 12; grey sand 17; blue clay 60. Dry hole.
Con I	"	11	E. Dickens	Hadco Well Drilling & Digging Ltd	Nov. 17, 1967	30	3	58	4	"	D	Topsoil 1; sandy brown clay 12; blue clay 42; blue sand 45; blue clay 52; grey sand 60. Water at 42.
Con I	"	16	L. Somerville	E. Mitchell	Oct. 16, 1964	5						Clay 276; black shale 386; brown limestone 400. Dry hole.
Con I	"	19	O. Volckaert	R. Hudson	May 19, 1965							Brown clay 18; quicksand 24; blue clay 43. Dry hole.
Con I	"	19	"	"	June 12, 1965	36			16	Fresh	In	Blue clay 18; sand 24; blue clay 47. Water from 16 to 24.
Con I	"	19	"	"	June 12, 1965	36			16	"	In	Blue clay 18; sand 24; blue clay 47. Water from 16 to 24.
Con II	"	7	E. Dubyk	C. Warren & Son	Oct. 29, 1966	4	2 1/2	37	22	"	D	Blue clay 32; sand 37. Water from 33 to 37.
Con II	"	6	H. G. Smith	"	Oct. 30, 1967	4	10	27	18	"	D	Old well dug 18; sand 30. Water from 18 to 30.
Con II	"	19	E. Walker	R. Hudson	June 9, 1965	36	1		14	"	D, S	Brown sand 14; sand 18; blue clay 31. Water at 18.
Con II	"	25	E. Pineo	C. Warren	Feb. 4, 1964	4	5		19	"	D, S	Sandy loam 18; sand 34. Water from 29 to 34.
Con III	"	4	Union United Church	Hadco Well Digging Ltd.	Feb. 24, 1964	30	2		27	"	P	Topsoil 2; sand 37. Water at 27.
Con III	"	4	L. King	"	Apr. 27, 1967	5	10	150	100	"	D	Topsoil 2; sand 55; blue clay 110; red clay 115; blue clay 183; blue clay hardpan 216; gravel 220. Water at 220.
Con III	"	4	G. Ingram	J. Warren	Sep. 18, 1967	5	5	75	35	"	D	Topsoil 8; grey sand 75. Water at 68.
Con III	"	4	R. Delaroche	Hadco Well Digging Ltd.	Dec. 28, 1967	5	6	115	70	"	D	Topsoil 1; brown clay 6; brown sand 85; grey clay 167; dirty grey sand gravel 170. Water at 167.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont.										
Yarmouth Twp. cont.										
Con III lot 15	Lawton Bros.	E.Hoover & Son	Sep.14,1967	5	2	26	22	Fresh	D,S	Topsoil 1;clay 28;sand 31. Water at 31.
Con III " 16	R.DeVries	C.Warren	Apr. 7,1964	4	6	30	20	"	D,S	Loam 4;sand 47. Water from 43 to 37.
Con III " 18	R.Harvey	"	May 12,1965	4	12	26	19	"	"	Loam 4;sand 24;blue clay 43;sand 55. Water from 45 to 55.
Con III " 19	R.Bond	"	Mar. 7,1964	4	7	62	17	"	D,S	Sand 4;clay 61;gravel 64. Water from 61 to 64.
Con III " 19	Yarmouth Twp Public School	"	Dec. 3,1966	7	10		18	"	P	Clay 59;sand 62. Water from 59 to 62.
Con III " 21	B.Baldwin	"	July15,1964	4	10	50	32	"	D	Blue clay 50;sand 66. Water from 50 to 66.
Con III " 22	J.Fluellling	"	Apr.26,1966	4	15	66	38	"	D	Clay 27;sand 66. Water from 60 to 66.
Con IV " 2	R.Parachoniak	"	Mar.24,1964	5	15	55	47	"	D	Sand 51;clay 123;gravel 127. Water from 123 to 127.
Con IV " 2	J.Buck	Hadco Well Digging Ltd.	May 5,1964	24	1		40	"	D	Topsoil 1;brown clay 22;brown sand 50. Water at 40.
Con IV " 3	A.Pol	C.Warren	July13,1964	7	20	105	27	"	D	Top grey clay 16;sand 21;blue clay 105;clay gravel 150; gravel 155. Water from 150 to 155.
Con IV " 3	J.Sanders	"	Mar. 3,1966	4	10	40	33	"	S	Loam 4;muddy sand 16;clay 32;muddy sand 41;sand gravel 50. Water from 43 to 50.
Con IV " 4	E.Shelly	"	July10,1965	5	9	23	5	"	D	Blue clay 100;gravel 103. Water from 100 to 103.
Con IV " 4	H.Cummings	W.McBeth	Aug.20,1965	5 1/2	5	40	25	"	D	Brown clay 40;hard sand 90;blue clay 100;hardpan 125;gravel. Water at 125.
Con IV " 4	J.Scheele	W.Dale	Oct. 5,1965	5	7	54	8	"	D	Brown sand 6;blue clay 31;sandy clay 36;blue clay 78;blue clay gravel 96;gravel 98;clay 100. Water from 96 to 98.
Con IV " 4	P.VanDerHeyden	"	Oct.13,1965	5	9	63	8	"	D	Brown clay 11;sandy brown clay 32;blue clay 64;blue clay gravel 88;muddy gravel 91;muddy sand 119;gravel 121. Water from 119 to 121.
Con IV " 4	P.Gagnon	"	Oct.25,1965	5	9	63	20	"	D	Brown clay 15;blue clay gravel 21;sandy blue clay 34;blue clay 68;blue clay gravel 91;muddy sand gravel 123;gravel 124;clay 126. Water from 123 to 124.
Con IV " 4	W.Marriott Estate	Hadco Well Digging Ltd.	Apr.28,1967	5	4	45	20	"	D	Topsoil 1;blue clay 25;blue clay sand 35;blue clay 78;blue clay stones 100;sand gravel 110. Water at 110.
Con IV " 4	V.Zavite	H.Warren	May 25,1967	4	8	61	30	"	D	Clay 42;sand 50. Water at 50.
Con IV " 5	M.Hepburn Estate	Hadco Well Digging Ltd.	Nov.30,1965	27 1/2	1		48	"	D	Topsoil 2;blue clay 30;boulders clay 35;blue sand 48;grey sand 66. Water from 48 to 66.
Con IV " "	A.C. Moore	C.Warren	Dec.15,1966	5	10	75	14	"	D	Sandy loam 6;sandy clay 65;clay 94;sand 98. Water from 94 to 98.
Con IV " 8	L. Wetzel	Warren WaterWells	Nov.13,1967	4	4	20	8	"	D	Sand 32. Water from 8 to 32.
Con IV " 9	S.Haight	E.Hoover & Son	Aug. 1,1967	5	5	24	24	"	D,S	Topsoil 2;clay 10;sand gravel 32;gravel 33. Water at 33.
Con IV " 10	F.Olde	C.Warren	Feb. 3,1964	5	5	16	14	"	D,S	Loam 3;sand 22;gravel 28. Water from 22 to 28.
Con IV " 21	H.Barrett	"	Feb.29,1964	4	5	30	23	"	D	Sandy loam 12;clay 23;gravel 25;sandy clay 34;gravel 40. Water from 34 to 40.
Con IV " 21	J.Rewbetham	"	Apr.14,1966	4	9	37	20	"	D	Sand 18;clay 27;sand gravel 37. Water from 30 to 37.
Con VI " 21	J.Clayton	W.Dale	Nov. 3,1966	4	7	94	71	"	D	Topsoil 2;grey clay gravel 9;grey clay 56;sandy clay 78;sand 91;sandy clay 97. Water from 78 to 91.
Con V " 3	A.Douglas	C.Kent	Apr. 9,1964	3	6	40	18	"	D	Yellow sand 8;coarse sand gravel 12;yellow clay sand strips 42;grey sand 54;clay 55. Water from 42 to 54.
Con V " 3	L.Fish	"	May 27,1964	5	6	36	18	"	D	Loam 1;yellow sand 18;coarse brown sand 37;grey sand 49. Water at 49.
Con V " 3	W.Hutchison	C.Warren	Feb. 4,1966	4	10	32	16	"	D	Sand 18;sandy clay 30;sand 39. Water from 30 to 39.
Con V " 3	H.Hoddman	"	Oct.14,1966	4	20	16	10	"	D	Sandy loam 17;sand gravel 29;fine gravel 42. Water at 29 and 42.



ELGIN COUNTY - cont.  
Yarmouth Twp. - cont.

Con V	lot 4	R. Shaw	C. Warren	May 14, 1965	4	10	23	5	Fresh	D	Blue clay 61; gravel 64. Water from 61 to 64.
Con V	" 9	C. Bond	"	Mar. 17, 1964	4	5	39	21	"	D, S	Sand 29; blue clay 34; sand 39. Water from 34 to 39.
Con V	" 10	J. VanBuren	E. Hoover	May 18, 1965	5½	1½	55	36	"	D	Clay 40; gravel clay 59; sand 62. Water from 59 to 62.
Con VI	" 1	C. Shaw	"	May 20, 1964	5	8	160	100	"	D, S	Loam 17; muddy gravel 20; gravel 20. Water from 20 to 30. Blue clay 77; blue clay gravel 169; gravel 175. Water at 170 and 175.
Con VI	" 3	O. Jungblut	Hadco Well Digging Ltd.	Mar. 13, 1965	30	2	43	36	"	D	Topsoil 1; brown clay 14; brown sand 20; brown clay 24; blue sandy clay 36; blue clay 45. Water at 36.
Con VI	" 3	E. Pearce	"	Aug. 12, 1965	30	2		48	"	D	Topsoil 1; brown clay 10; grey clay 16; brown sand 27; grey sandy clay 48; fine gravel grey sand 49; grey sand 55; grey clay. Water at 48.
Con VI	" 3	W. McMinn	C. Warren	Nov. 24, 1965	41	2½	55	25	"	D	Sand 7; clay 33; muddy sand 50; sand 55. Water from 50 to 55.
Con VI	" 3	B. Carr	"	Nov. 25, 1965	41	6	40	28	"	D	Loam 7; clay 37; sand 46. Water from 40 to 46.
Con VI	" 3	W. Webster	"	Dec. 2, 1965	41	4½	4	26	"	D	Loam 6; clay 37; sand 42. Water from 37 to 42.
Con VI	" 3	B. Pennema	"	Jan. 19, 1966	4	10	50	31	"	D	Loam gravel 9; blue clay 61; sand 70. Water from 61 to 70.
Con VI	" 3	A. Harris	Hadco Well Digging Ltd.	May 13, 1966	30	3	35	23	"	D	Topsoil 1; brown sandy clay 7; brown clay 13; brown sand 23; blue clay 24; blue sand 27; blue clay 29; blue sand 35. Water at 23, 25 and 29.
Con VI	" 3	L. Whitecraft	"	May 16, 1966	30	2	38	30	"	D	Topsoil 1; brown clay 9; brown sand 38. Water at 30.
Con VI	" 3	D. Robertson	C. Warren	May 16, 1966	4	10	45	14	"	D	Loam 18; sand 45. Water from 38 to 45.
Con VI	" 3	R. Berry	Hadco Well Digging Ltd.	May 13, 1966	30	3	35	26	"	D	Topsoil 1; sandy brown clay 9; blue clay 26; blue sand 30; blue clay 35. Water at 26.
Con VI	" 3	J. McDonald	"	May 17, 1967	30	4	25	15	"	D	Topsoil 1; brown clay 13; blue clay 17; brown sand 19; blue clay 22; gravel 25. Water at 17 and 22.
Con VI	" 3	H. Tripp	"	July 6, 1967	30	5	24	6	"	D	Topsoil 1; brown clay 3; brown sand 7; blue clay 14; gravel 16; coarse sand 26. Water at 7 and 14.
Con VI	" 3	B. Horn	R. Hudson	Oct. 10, 1967	36	2	18	12	"	D	Clay 15; sand 20. Water at 15.
Con VI	" 28	B. Eastman	E. Mitchell	Oct. 31, 1966	5	6	80	70	"	D	Clay 10; sand clay 80; sand 95. Water from 85 to 95.
Con VI	" 28	H. Griffin	"	Apr. 27, 1967	5	4	84	80	"	D	Clay sand 20; clay 50; clay sand 90; sand 95. Water from 93 to 95.
Con VII	" 11	R. Ball	C. Warren	Sep. 7, 1966	5	6	179	100	"	D	Blue clay 100; sand clay 173; sand gravel 179. Water from 174 to 179.
Con VII	" 15	W. Walters	"	Aug. 21, 1965	5	15	106	95	"	D, S	Clay 123; muddy sand gravel 206; clay 210; fine gravel 218. Water from 210 to 218.
Con VII	" 18	B. McCow	E. Hoover & Son	Sep. 22, 1966	5	5	68	58	"	D, S	Topsoil 2; red clay 10; blue clay 130; pasty sand 135; blue clay 167½; gravel sand 168½. Water at 168½.
Con IX	" 10	R. Sterenberg	H. Warren	May 15, 1967	5	20	36	32	"	D	Clay 76; gravel 81. Water at 76.
Con X	" 1	O. Underhill	R. Hudson	Dec. 12, 1966	36	1	25	10	"	D	Brown clay 10; blue clay 20; fine sand 32. Water at 20.
Con X	" 5	G. Hamblly	W. Dale	June 1, 1965	5	13	45	43	"	S	Brown clay 11; grey clay 21; grey clay sand 24; grey clay 68; grey clay gravel 111; gravel 118; cemented gravel 119. Water from 111 to 118.
Con XI	" 7	S. Ferguson	"	May 15, 1965	4	3	69	39	Fresh	D	Topsoil 2; brown clay 6; coarse sand 9; fine sand 51; muddy sand streaks sand 67; grey clay 71. Water from 61 to 65.
Con XII	" 1	B. Hamilton	R. Hudson	May 22, 1964	36	1	25	16	"	D	Blue clay 22; fine hard sand 26. Water at 22.
Con XII	" 1	N. Klemmer	"	May 22, 1964	36	1	25	16	"	D	Blue clay 22; fine hard sand 26. Water at 22.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
<b>ELGIN COUNTY - cont.</b>										
<b>Yarmouth Twp. - cont.</b>										
Con XII lot 1	D. Barelje	R. Hudson	Jan. 13, 1965	36	1	30	18	Fresh	D	Brown clay 10; blue clay 18; fine sand 31. Water at 18.
Con XII " 1	J. MacGregor	"	Apr. 20, 1965	36	1	25	15	"	D	Blue clay 25; fine sand 30. Water at 25.
Con XII " 1	B. Hillis	"	Apr. 20, 1965	36	1	25	15	"	D	Blue clay 25; fine sand 32. Water at 25.
Con XII " 1	J. MacGregor	"	Dec. 6, 1965	36	1	28	18	"	D	Blue clay 22; fine hard sand 30. Water at 22.
Con XII " 1	Townline United Church	"	Feb. 24, 1966	36	1	25	10	"	P	Silty clay 5; hard blue clay 22; fine sand 27. Water at 22.
Con XII " 1	S. Kuochta	"	Feb. 14, 1967	36	1 1/2	42	26	"	D	Brown clay 10; blue clay 25; hard fine sand 42. Water at 25.
Con XII " 1	J. MacGregor	"	Nov. 29, 1967	36	1	30	16	"	D	Blue clay 22; fine sand 33. Water at 20.
Con XII " 4	C. Ferguson	W. Dale	Aug. 14, 1964	5	9	57	34	"	D	Well pit 7; blue clay 27; grey clay 53; fine sand 85. Water from 53 to 85.
Con XII " 8	W. Thompson	"	Aug. 4, 1964	4	7 1/2	42	35	"	D, S	Dug well 33; sand 48; sand 53; fine sand 54. Water from 53 to 54.
Con XII " 9	N. Brown	C. Warren	July 30, 1964	4	5	73	18	"	D, S	Grey clay 18; clay gravel 70; sand 75. Water from 70 to 75.
Con XIII " 2	J. Dingman	R. Hudson	Aug. 24, 1967	36	1	35	26	"	D, S	Brown clay 15; blue clay 31; fine sand 41. Water at 31.
Con XIV " 8	J. McInnis	W. Dale	May 9, 1967	5	9	57	35	"	D	Topsoil 1 1/2; yellow sand 3; brown clay 8; blue clay 68; blue clay 73; blue clay 129; fine brown sand 132; sandy clay gravel 157; sand 158; coarse gravel 160. Water from 157 to 160.
<b>Edgeware Road North</b>										
ERN Range I lot 1	G. VanOpstal	W. Dale	Apr. 30, 1965	7	3	115	31	Fresh	D, S	Topsoil 2; brown clay 14; sandy clay 34; grey clay 66; blue clay 102; gravel grey clay 138; cemented gravel 143; grey clay 145. Water from 140 to 143.
ERN Range I " 2	G. Lindsay	R. Hudson	Sept. 6, 1966	36	3	10	7	"	D, S	Brown clay 3; fine sand 15; clay. Water at 7.
ERN Range I " 5	T. Hezemen	W. Dale	May 21, 1965	5	10	58	55	"	D	Topsoil 1; brown clay 9; grey clay 20; grey clay gravel 26; grey clay 61; grey clay small stones 74; sandy clay 80; silty sand 96; sand 109; grey sandy clay 110. Water from 104 to 108.
ERN Range II " 23	W. Fehr	Hadco Well Digging Ltd.	Sept. 2, 1965							Brown clay 12; blue clay 62. Dry hole.
ERN Range II " 23	W. Fehr	E. Mitchell	Oct. 22, 1965	5	2	43	42	Fresh	D	Grey clay 60; grey clay gravel 194; sand gravel 200. Water at 199.
<b>Edgeware Road South</b>										
ERS Range I lot 12	W. Dale	W. Dale	Mar. 1, 1965	5	6	148	74	Fresh	D, S	Topsoil 2; brown clay 14; blue clay 61; grey clay 87; grey clay gravel 104; soft grey clay 117; cemented gravel clay streaks 148; silty sand 167; fine sand 172; clay 173. Water from 168 to 172.
ERS Range I " 17	L. Orris	D. Kent	June 27, 1964	5	4	50	48	"	"	Yellow clay 14; grey clay 75; cemented gravel 78; dirty coarse sand 80; cemented gravel 90; gravel clay balls 99; gravel coarse sand 102. Water at 101.
ERS Range I " 22	Penhale Farms	E. Hoover & Son	June 24, 1964	5 1/2	3	60	40	"	D, S	Topsoil 5; red clay 30; blue clay 80; clay stones 112; sand gravel 115. Water at 112.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ELGIN COUNTY - cont. Yarmouth Twp. - cont. Talbot Road North											
TRN	lot 58	St. Thomas PUC	International Water Supply Ltd.	Mar. 19, 1964	2			58		T 1-64	Brown clay 11; grey clay 40; grey clay gravel streak 65; sandy grey clay gravel streaks 77; sandy grey clay dirty gravel 132; sand gravel clay streaks 157; gravel boulders brown fine stone, sandy grey clay gravel streaked 280;
TRN	" 58	St. Thomas PUC	"	Apr. 2, 1964	8			58	Fresh	T 2-64	Brown clay 10; grey clay 42; grey clay gravel streak 76; sandy grey clay gravel streak 111; sandy grey clay 120; sandy grey clay gravel streaked 154; gravel boulders sand streaked 184; gravel clay sand 197. Water at 153.
TRN	" 58	St. Thomas PUC	"	Sept. 4, 1964	12	550	84	59	"	P	Brown grey clay 39; grey clay gravel streaks boulders 76; sandy grey clay small boulders gravel streaks 100; grey clay 118; grey clay gravel 136; sand gravel 143; sandy grey clay gravel streaks 153; gravel sand coarse gravel boulders 170; clay streak packed sand gravel 177; sand gravel boulders 185. Water at 136 and 152.
TRN	" 59	J. Evelyn	C. Warren	Jan. 24, 1964	5	20	63	62	Fresh	D, S	Blue clay 90; gravel 98. Water from 90 to 98.
TRN	" 60	Yarmouth Church Parsonage	W. McBeth	July 25, 1964	5 1/2	5	60	55	"	D	Brown clay 15; hard sand 100; hardpan 106; gravel Water at 106.
TRN	" 60	H. Jordan	W. Dale	Oct. 22, 1964	5	5	61	54	"	D, S	Well previously drilled 60; cemented gravel 97; sand 100. Water from 97 to 100.
TRN	" 60	V. Barker	W. McBeth	May 21, 1965	5 1/2	5	70	60	"	D	Blue clay 50; hardpan 105; blue clay 151; hardpan 160; gravel 165. Water at 160.
TRN	" 60	K. Gloin	W. Dale	Sept. 20, 1965	5	8	85	68	"	D	Fill 2; brown clay 18; grey clay 54; grey clay gravel 98; grey clay 105; cemented gravel 135; muddy gravel 138; cemented gravel 141; gravel 143. Water from 141 to 143.
TRN	" 61	W. Jones Ltd.	Hadco Waterwell Drilling	Oct. 30, 1964	5 1/2	4	70	65	"	D	Clay 56; sandy clay 70; gravel 100. Water from 85 to 100.
TRN	" 62	K. Mann	C. Warren	Feb. 26, 1964	5	6	75	65	"	D	Blue clay 92; gravel 100. Water from 92 to 100.
TRN	" 62	W. Fallon	W. Dale	Aug. 20, 1964	5	9	63	60	"	D, S	Previously drilled 61; sand 77; sand 90; sandy clay 91. Water from 87 to 90.
TRN	" 63	W. Demo	C. Warren	July 18, 1965	5	9	64	59	"	D	Blue clay 60; sand gravel 90. Water from 70 to 90.
TRN	" 64	G. Lackey	E. Mitchell	May 5, 1965	5	2	40	30	"	D	Clay 70; sand gravel 80. Water at 79.
TRN	" 66	T. Bates	C. Warren	July 2, 1965	5	10	80	55	"	C	Blue clay 104; muddy sand gravel 119; blue clay 142; gravel 155. Water from 145 to 155.
TRN	" 73	B. Richardson	E. Mitchell	Sept. 18, 1964	5	2	85	47	"	D	Clay 75; clay sand gravel 115; sand gravel 128. Water from 123 to 128.
Talbot Road South											
TRN	lot 60	N. Siviter	W. Dale	Sept. 30, 1965	5	8	67	65	Fresh	D	Previously drilled 65; muddy gravel 82; gravel 125; gravel clay 151; quicksand 182; grey clay 191. Water from 82 to 124.
TRS	" 64	D. McGregor	Hadco Well Drlg. & Digging Ltd.	June 21, 1967	5	10	70	40	"	D	Sandy clay 2; red clay 17; blue clay 45; blue clay hardpan 75; gravel 85. Water at 80.
TRS	" 65	J. Hepburn	C. Warren	Mar. 6, 1965	4	10	85	50	"	D, S	Blue clay 70; clay sand 110; sand 120. Water from 110 to 120.
TRS	" 65	R. Schaeffer	H. Warren	June 19, 1967	5	20	82	50	"	D	Clay 48; clay gravel 110; gravel 120. Water at 112.
TRS	" 66	V. Graves	E. Mitchell	Nov. 15, 1965	5	2	62	62	"	D	Grey clay 95; fine sand gravel 99; fine sand 120. Water from 100 to 120.
TRS	" 67	P. Helder	E. Hoover & Son	July 4, 1967	5	8	82	78	"	D, S	Topsoil 2; clay 29; fine red sand 68; clay 103; sand 105. Water at 103.
TRS	" 67	G. Coleman	W. Burwell	Oct. 6, 1967	5	7	24	20	"	D	Reddish clay 5; fine gravel 15; coarse gravel 41. Water from 35 to 41.
TRS	" 73	Cemetery	Warren Water Wells	Sept. 27, 1967	3	4	20	6	"	Ir	Old dug well 4 1/2; sand 12; clay 20. Water from 6 to 12.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY											
Anderton Twp.											
Con I	lot 13	J. Brown	Lucier Well Drlg.	Mar. 25, 1964	3	5	45	20	Fresh	D	Topsoil 2; red clay 19; blue clay 40; clay sand 50; sand 54; soft white rock 75. Water at 75.
Con I	" 19	C. Sooley	R. McPherson Drlg.	Aug. 8, 1967	4	40	10	6 1/2	Sulphur	Ir	Yellow clay 8; coarse gravel 35; limestone 45. Water at 40.
Con I	" 23	J. Maisenville	S. Hutchins	Oct. 31, 1967	3	6	25	16	Fresh	D	Yellow clay 18; blue clay 44; sand 46; gravel 48. Water at 48.
Con I	" 25	N. Beneteau	"	Apr. 16, 1966	3	4	25	18	"	D, S	Yellow clay 18; blue clay 54; sand 56; limestone 65. Water at 65.
Con III	" 1	D. Wismer	D. Sundin	Oct. 27, 1964	4	5	48	35	"	D	Pit 5; yellow clay 5; blue clay 30; fine grey sand 41; blue clay stones 53; grey limestone 75. Water at 70.
Con III	" 2	P. D. Bailey	"	Oct. 19, 1964	3	1	70	35	Sulphur	D	Yellow clay stones 12; blue clay 48; gravelly sand clay 56; grey limestone 80. Water at 68.
Con III	" 5	K. Cake	S. Hutchins	Apr. 15, 1967	3	4	50	24	"	D	Yellow clay 20; blue clay 45; sand 60; shell rock 63. Water at 63.
Con III	" 10	I. Brush	Lucier Well Drlg.	Oct. 16, 1965	4	5	50	20	"	D	Topsoil 2; red clay 20; blue clay 40; hardpan 65; soft white rock 78. Water at 75.
Con III	" 12	Dr. K. Rock	"	Aug. 25, 1965	4	5	18	10	Fresh	D	Topsoil 2; red clay 20; blue clay 55; hardpan 60; soft grey rock 64. Water at 64.
Con VI	" 3	R. Bezaire	D. Sundin	Sep. 9, 1966	4	2 1/2	80	20	Sulphur	D	Yellow clay 12; blue clay 70; fine grey sand blue clay 71; grey limestone 110. Water from 100 to 110.
Con VI	" 8	Ferndale Farms	Lucier Well Drlg.	Mar. 22, 1965	3	10	20	15	"	D, S	Topsoil 2; red clay 20; blue clay 30; hardpan 38; soft grey rock 51. Water from 48 to 51.
Con VI	" 8	L. Shepley	J. Smith	Sep. 24, 1964	3		63	17	"	N	Yellow clay 12; blue clay 26; gravel 38; sand 68; limestone 102. Water at 102.
Con VI	" 10	Shusts Turkey Farm Ltd.	Lucier Well Drlg.	May 5, 1964	3	5	22	10	"	S	Topsoil 3; red clay 10; blue clay 32; hard white rock 38. Water at 38.
Con VI	" 13	R. Woolison	"	Apr. 11, 1967	4	15	18	12	"	D, S	Topsoil 1; red clay 19; blue clay 68; grey limestone 70. Water at 69.
Con VII	" 2	M. Coyle	S. Hutchins	Aug. 29, 1964	3	3	65	24	"	D	Yellow clay 20; blue clay 68; sand 73; gravel 75. Water at 75.
Con VII	" 4	S. Carnahan	D. Sundin	Jan. 6, 1964	4	10	15	12	"	D	Clay topsoil 1; blue clay 53; gravel 54. Water at 54.
Con VII	" 9	Shust Turkey Farms Ltd.	E. Hernandez	July 30, 1966	4	10	50	33	"	S	Drilled preciously 37; limestone 58. Water at 55.
Con VII	" 9	"	Lucier Well Drlg.	July 14, 1965	4	8	30	20	"	D, S	Topsoil 2; red clay 20; blue clay 25; hardpan 34; sandstone 35; limestone 40. Water from 38 to 40.
Con VII	" 12	A. Renaud	D. Sundin	Feb. 3, 1966	4	3	55	12	"	D	Yellow clay 10; blue clay 65; grey limestone 85. Water at 85.
Con VII	" 1	G. Lucier	A. Lucier	May 22, 1967	4	10	20	16	"	D	Topsoil 1; red clay 19; blue clay 75; grey hardpan 82; grey limestone 85. Water from 83 to 84.
Con VII	" 13	G. Parr	Lucier Well Drlg.	Nov. 28, 1964	3	5	20	12	Fresh	D	Topsoil 2; red clay 20; blue clay 50; clay sand gravel 70; hardpan 80; soft white rock 82. Water at 82.
Con VIII	" 10	R. Renaud	W. Hernandez	Oct. 2, 1964	4	5	40	13	"	D, S	Loam 1; red clay 17; blue clay 65; hardpan 69; sand 75. Water at 75.
Con VIII	" 10	W. Tendrik	Lucier Well Drlg.	June 10, 1966	4	6	18	10	"	D	Topsoil 2; red clay 20; blue clay 60; hardpan 65; soft grey rock 70. Water from 65 to 70.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.  
Colchester North Twp.  
Con VII lot 16

Con VII	" 18	A.Vincent	D.Sundin	Apr.10,1967	4	3	60	26	Fresh	D,S	Clay 34;sand clay 82;fine sand 94;soft limestone 100. Water at 100.
Con VIII	" 20	D.Teskey	E.Hernandez	Dec.29,1967	4	"	"	"	Sulphur	D	Yellow clay 10;blue clay 60;blue clay fine grey sand 70;hardpan 72;grey rock 73.
Con IX	" 20	D.Taylor	D.Sundin	Apr.24,1965	4	5	48	17	Fresh	D,S	Topsoil 1;clay 27;sand 30;blue clay 88;fine sand 115;limestone 117. Water at 116.
Con X	" 17	B.Mills	"	Apr.26,1967	4	5	75	28	"	D	Topsoil 1;yellow clay 10;blue clay 80;grey sand 85;blue clay 105;sand 107;gravel 108. Water at 108.
Con X	" 21	R.&G.Tytgat	G.Sundin	Aug.24,1964	4	3	60	25	Sulphur	D,S	Clay topsoil 1;yellow clay 12;blue clay 108;sand gravel 110;gravel 111. Water from 110 to 111.
Con XI	" 4	A.Malenfant	D.Sundin	June30,1967	4	3	90	25	Fresh	D	Clay 80;hardpan 87;sand 113;soft limestone 128. Water at 128.
Con XI	" 6	F.Malenfant & Sons	"	Aug. 7,1965	4	1	90	20	"	D	Clay topsoil 1;yellow clay 10;blue clay 90;sand gravel blue clay 104;grey shale fine grey sand 106;grey limestone 108.
Con XII	" 9	L.Jones	W.Hernandez	Nov.22,1965	3	2 1/2	65	25	"	D	Topsoil 1;yellow clay 10;blue clay 85;sand gravel clay 96;grey limestone 97. Water at 96.
Con XII	" 9	"	"	Nov. 8,1965	3	3	60	25	"	N	Clay 60;fine sand 66;hardpan 80;layered sand hardpan 96;hardpan 103;sand 106;rock brown limestone 111;coarse sand. Water at 111.
Con XIII	lot 3	L.Meloche	Lucier Well Drlg	Jan. 5,1965	3	5	60	40	Fresh	D	Clay 60;fine sand 66;hardpan 80;layered sand hardpan 96;sand 103;hardpan 105;fine sand 107;brown limestone 109 1/2;very fine sand. Water at 109.
Con XIII	" 6	R.Wurch	"	July 7,1965	4	5	50	30	"	D	Topsoil 2;red clay 22;blue clay 70;clay sand 95;hardpan 100;rock. Water at 100.
Con XIII	" 12	D.Wright	Johnston Bros.	May 4,1966	3	5	50	32	"	D	Topsoil 2;red clay 20;blue clay 70;gravel 71;hardpan 95;gravel 100. Water at 100.
Con XIII	" 12	"	"	Apr.26,1966	4	4	50	40	"	D	Clay 110;sand gravel 123;brown limestone 124. Water at 124.
Con XIII	" 16	H.Pinkerton	"	June10,1964	3	6	50	40	"	D	Clay 96;sand gravel 114;brown limestone 118. Water at 118.
Con XIV	" 1	F.Paquette	E.Hernandez	Apr.26,1967	4	10	35	22	"	D	Yellow clay 10;blue soft clay 117;sand gravel 118;brown limestone 135. Water at 135.
Con XIV	" 3	B.Meloche	Lucier Well Drlg.	Mar.20,1966	4	10	40	20	Sulphur	D	Clay 66;sandy clay 74;blue clay 88;medium sand 93;shale. Water at 93.
Con XIV	" 4	H.Pettypiece	D.Sundin	May13, 1965	4	5	40	32	Fresh	Ir	Topsoil 2;red clay 18;blue clay 80;hardpan 100;soft grey rock 103. Water at 111.
Con XIV	" 11	A.Tofflemire	E.Hernandez	Apr.22,1967	4	10	55	33	"	D	Topsoil 1;yellow clay 10;blue clay 107;shale sand 108;grey limestone 126. Water from 123 to 126.
MRN	" 1	T.Woods	Lucier Well Drlg.	Aug. 6,1965	3	4	20	16	Sulphur	D	Clay 66;sandy clay 80;blue clay 106;hardpan stones 116;sand 118;hard brown limestone 120. Water at 119.
MRN	" 1	L.Dorey	"	Aug. 7,1965	3	4	20	10	Fresh	D	Topsoil 2;red clay 20;blue clay 60;hardpan 65;gravel 70;white limestone 71. Water from 65 to 70.
MRN	" 6	J.Lapain	"	July20,1966	4	5	35	30	"	D	Topsoil 2;red clay 20;blue clay 60;hardpan 65;gravel 68. Water from 65 to 68.
MRN	" 17	"	"	June25,1966	4	8	30	20	Sulphur	D	Topsoil 2;red clay 18;blue clay 50;hardpan 53;clay 61;hardpan 64;sand 67;soft grey rock 75. Water from 70 to 75.
MRN	" 21	J.Edwards	W.Hernandez	Oct.16,1964	3	3	40	25	Fresh	D	Topsoil 2;red clay 20;blue clay 70;sand 90;hardpan 98;soft grey rock 104. Water at 100.
MRN	" 21	D.Myers	D.Sundin	Nov.12,1965	3	3	40	30	"	D	Cistern 3;blue clay 82;limestone 83 1/2;gravel 84;hardpan. Water from 83 1/2 to 84.
MRS	" 1	R.Williams	J.Smith	Apr.14,1965	3	5	20	15	"	D,S	Clay topsoil 1; yellow clay 10;blue clay 79;blue clay stones 85;blue clay fine grey sand 87;grey limestone 93. Water at 93.
MRS	" 3	J.Doza	"	July12,1964	3	5	63	18	Sulphur	D	Brown clay 12;blue clay 29;sand 69;gravel 80. Water from 69 to 80.
											Yellow clay 12;blue clay 38;sand 76;hardpan 78;gravel 79. Water at 79.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
ESSEX COUNTY - cont.											
Colchester North Twp. - cont.											
MRS	" 4	S.Zolnarski	W.Hernandez	Sep.17,1966	4	10	38	20	Fresh	D	Previously drilled 74;brown limestone 84. Water at 84.
MRS	" 5	C.Smith	D.Sundin	Sep.11,1964	4	3	60	19	"	D	Yellow clay 10;blue clay 60;blue clay fine sand 80;hardpan 87;grey limestone 98. Water at 98.
MRS	" 6	P.Tinto	E.Hernandez	May 4,1967	4	10	30	22	"	D,S	Clay 66;sand clay 75;medium sand 85;shale 85. Water from 84 to 85.
MRS	" 6	G.Quednau	"	Oct.14,1967	4	7	16	8	"	D	Topsoil 1;clay 70;sand clay 72;limestone shale 74. Water at 74.
MRS	" 7	P.Cangon	Lucier Well Drlg.	Jan.25,1965	4	6	38	18	"	D,S	Topsoil 2;red clay 20;blue clay 68;quicksand 76;hardpan 81; soft grey rock 87. Water at 87.
MRS	" 10	C.Cross	E.Hernandez	June 1,1967	4	4	55	15	"	D	Fill 2;clay 66;gravel 68;clay 75;sand 80;brown limestone 91. Water at 91.
MRS	" 10	K.Shepley	"	Aug.23,1967	4	5	22	13	"	D	Topsoil 1;clay 78;brown limestone 81. Water at 80.
MRS	" 10	E.Dorey	"	Aug.18,1967	4	10	22	16	"	D	Topsoil 1;clay 78;brown limestone 80. Water at 79.
MRS	" 19	R.Calhoun	Lucier Well Drlg.	Aug.20,1964	5	10	23	15	"	D,S	Topsoil 2;red clay 20;blue clay 60;clay sand 88;hardpan 90; soft light rock 92. Water at 91.
MRS	lot 20	C.Brookman	W.Hernandez	July 3,1965	4	4	50	14	Sulphur	D	Red clay 18;blue clay 52;brown limestone 69. Water at 69.
MRS	" 20	"	"	July 3,1965	4	2	80	22	"	N	Red clay 28;blue clay 50;brown limestone 84. Water at 84.
MRS	" 20	"	"	Dec.17,1966	7	10	50	15	"	D	Clay loam 2;grey clay 65;hardpan 70;white limestone 75. Water at 70.
MRS	" 21	J.Sweet	Johnston Bros.	Apr.25,1964	3	5	40	24	Fresh	D	Yellow clay 12;blue clay 68;sand gravel stones 90;brown limestone 92. Water at 92.
MRS	" 26	D.Klingbille	D.Sundin	June26,1967	4	8	35	24	"	D	Yellow clay 10;blue clay 80;sand gravel 105;shale fine sand 113;grey limestone 114. Water from 105 to 114.
MRS	" 27	R.Colenutt	"	Oct.15,1966	4	5	55	40	"	D	Clay topsoil 1;yellow clay 10;blue clay 105;gravel fine grey sand 114;grey limestone 118. Water at 118.
MRS	" 28	F.Colenutt	W.Hernandez	Aug.31,1967	4	1 1/2	114	22	"	N	Red clay 17;blue clay 81;sand 83;hardpan 109;sand clay 116; limestone. Water at 116.
MRS	" 28	"	"	Sep. 6,1967	4	10	30	18	"	S	Red clay 10;blue clay 87;hardpan 112;sandstone 114;fractured limestone 115 1/2. Water at 115 1/2.
Colchester South Twp.											
Con II	lot 1	R.Shepley	W.Hernandez	Apr.30,1964	3	3	40	20	Fresh	D	Loam 1;red clay 30;blue clay 80;hardpan 85;gravel 87 1/2;limestone 125. Water at 87 1/2 and 125.
Con II	" 1	Ont.Dept. of Highways	E.Hernandez	Oct. 1,1964	7	6	46	30	"	P	Topsoil 1;yellow sand 6;quicksand 8;blue clay 80;quicksand 84;sand 85;soft brown limestone 105. Water at 98.
Con II	" 1	W.McLean	S.Hutchins	Mar. 5,1966	3	2 1/2	90	40	"	D	Clay 18;blue clay 60;sand 62;blue clay 88;limestone 113. Water at 110.

ESSEX COUNTY - cont.										
Colchester South -cont										
Con II	lot									
	3	W.Langlois	D.Sundin	Nov.25,1967	4	8	65	50	Fresh	D,S Pump pit 5;yellow clay 10;blue clay 65;fine grey sand 85;blue clay 118;gravel fine grey sand 120;grey limestone 122. Water from 118 to 120 and at 122.
Con II	6	J.Moulder	G.Sundin	Sep.13,1967	4	4	80	16	"	D Clay 32;sand 36;clay sand 68;sand 101;rock limestone 124.
Con II	7	W.Powers	D.Sundin	Nov.2, 1967	3	2	50	10	"	D Topsoil 2;yellow clay 8;blue clay 55;fine grey sand 99;fine grey sand gravel 100;grey limestone 110. Water at 110.
Con II	8	H.Mulder Jr.	"	Aug.29,1964	3	10	20	8	"	D Yellow clay 12;grey sand 15;blue clay fine grey sand 65;blue clay 74;gravel 75. Water at 75.
Con II	8	J.Bulvert	"	Sep.24,1964	3	15	30	3	"	D Black topsoil 1;yellow sand 2;blue clay 60;fine grey sand 85;fine grey sand gravel 99;grey limestone 120. Water at 120.
Con II	8	E.Baylis	"	Dec.31,1964	4	1	50	3	"	D Black topsoil 1;yellow clay 10;fine grey sand 18;blue clay 80;fine grey sand 95;clay fine grey sand 108;grey shale 114;grey limestone 133. Water from 116 to 133.
Con II	8	I.Wilson	"	Jan.12,1965	3	1 1/2	30	Flows	"	D Black topsoil 1;blue clay fine grey sand 65;fine grey sand 103;grey shale fine sand 105;grey limestone 130. Water at 125.
Con II	8	Clark's Food Ltd.	M.Hernandez	Oct.28,1965	6				N	Clay layers sand 47;fine sand 49;gravel 60;clay 63;fine sand 104;gravel 108;white limestone.
Con II	8	I.Mulder	"	Oct.18,1965	3	4	35	5	Fresh	D Clay 40;sand 50;clay 80;sand 86;hardpan 93;alternate layers hardpan sand 113;brown limestone 121. Water at 121.
Con II	8	A.Balvert	D.Sundin	May 20,1966	3	8	20	Flows	"	D Black topsoil 1;fine grey sand 7;hardpan 9;blue clay fine grey sand 44;fine grey sand 91;gravel sand 96. Water at 96.
Con II	12	P.Martins	M.Hernandez	Aug. 7,1967	4	8	20	16	"	D Dark sand 2;yellow sand 12;clay sand 25;quicksand 115;shell 117. Water from 115 to 117.
Con II	12	J.Simoes	"	Aug.18,1967	8	30	25	17	"	Ir Dark sand sand 2;gravelly soil 15;grey clay 30;quicksand 102;hardpan 110;gravel 115. Water at 115.
Con II	14	R.Besudoin	D.Sundin	Nov.17,1964	4	3	60	12	"	D Black topsoil 2;yellow sand 3;blue clay 12;fine grey sand 62;hardpan 68;blue clay 75;gravel sand 78;grey shale sand 81;grey limestone 90. Water from 81 to 90.
Con II	19	A.Grant	"	Dec.29,1965	3	8	20	10	"	D Dug well 20;grey sand 70;gravel 73. Water at 73.
Con II	19	P.Kanter	"	May 4,1966	4	5	20	11	Sulphur	D Yellow clay 10;blue clay 30;fine grey sand 45;blue clay 55;fine grey sand 79;gravel grey shale 80. Water at 80.
Con II	19	J.Noel	"	July 7,1967	4	4	70	10	"	D Clay topsoil 1;yellow clay 10;blue clay 30;fine grey sand 50;blue clay fine grey sand 87;grey shale fine grey sand 90;grey limestone 100. Water at 100.
Con II	19	C.Cox	G.M.Sundin	Nov. 8,1966	4	5	27	9	Fresh	D Clay 15;quicksand 79;soft rock 92. Water at 92.
Con III	6	D.&O. Baylis	D. Sundin	July 30,1964	4	10	30	17	"	D Black topsoil 1;yellow clay 10;blue clay 30;grey sand 35;blue clay 97;grey shale 100. Water at 100.
Con III	9	Rev.E.Smith	W.Hernandez	May 4, 1966	3	3	24	14	Sulphur	D Clay 30;blue clay 40;sand clay 118;rock limestone 124. Water at 124.
Con III	14	E.Ford	D.Sundin	Aug.18,1966	4	5	22	12	Fresh	D Black topsoil 1;yellow sand clay 2;yellow clay 10;blue clay 20;fine grey sand 57;blue clay 65;blue clay fine grey sand 77;grey shale fine grey sand 80. Water from 77 to 80.
Con III	15	H.Horner	G.Sundin	Mar.17,1967	4	1/2	75	3	"	D Clay 38;sand 68;rock 79. Water at 79.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South - cont.										
Con III lot 17	D. Webster	D. Sundin	Dec. 13, 1966	4	12	20	12	Sulphur	D	Clay topsoil 1; yellow clay 8; blue clay 30; fine grey sand 48; clay gravel hardpan 54; blue clay 68; fine grey sand 70; grey limestone 80. Water at 80.
Con III " 18	E. Milburn	M. Hernandez	Nov. 15, 1967	4	5	45	12	Fresh	D	Clay loam 2; grey clay 40; quicksand 76; hardpan 81; sharp sand gravel 96. Water at 96.
Con III " Gore	G. McLean	G. Sundin	Nov. 31, 1965	3	< 1/2		Flows	"	D	Clay 19; sand 20. Water at 20.
Con IV " 5	L. Noland	"	Apr. 4, 1966	4	2	60	13	"	D	Clay 62; sand 96; limestone 110. Water at 110.
Con IV " 5	L. Ennis	D. Sundin	Oct. 5, 1966	4	10	20	10	"	D	Clay topsoil 1; yellow clay 12; blue clay 55; fine grey sand 75; blue clay fine grey sand 86; gravel blue clay fine sand 96; grey limestone 105. Water at 105.
Con IV " 6	W. Deslippe	"	Apr. 6, 1967	4	10	40	12	"	S	Yellow clay 10; blue clay 45; blue clay fine grey sand 65; fine grey sand gravel 80; shale sand gravel 85. Water at 85.
Con IV " 8	E. Wieler	M. Hernandez	May 7, 1964	4	10	35	18	"	D	Dark soil 2; clay sand 20; quicksand 86; hardpan 90; shale rock 96. Water at 96.
Con IV " 8	J. Slanka	"	Oct. 11, 1960	3						Clay 22; fine sand 50. Dry hole.
Con IV " 8	V. Munroe	G. Sundin	Nov. 24, 1967	4	5	80	7	Fresh	D	Dark loam 2; clay 31; coarse sand 35; fine sand 58; clay 83; sand 89; rock 92. Water at 92.
Con IV " 9	M. Kimball	"	Sep. 20, 1967	4	20	20	10	"	D	Clay 28; quicksand 96; coarse sand 97. Water at 97.
Con IV " 11	S. Elford	"	May 4, 1966	4	20	8	Flows	"	D	Clay 32; sand 58; soft clay 90; rock 95. Water at 95.
Con IV " 15	B. McGill	"	Jan. 21, 1966	4	3	30	17	Sulphur	D, S	Clay 20; quicksand 77; rock 86. Water at 86.
Con IV " 15	"	"	Dec. 12, 1966	4	10	15	5	Fresh	D, S	Clay 58; sand 62; gravel. Water at 62.
Con IV " 19	J. Neilson	D. Sundin	Jan. 5, 1966	4	4	55	19	"	D	Clay topsoil 1; yellow clay 8; blue clay 20; blue clay stones 30; blue clay 48; fine grey sand 96; grey shale fine grey sand 80; grey limestone 82. Water at 82.
Con V " 6	R. Verocruysse	"	Aug. 15, 1966	4	1	65	15	Sulphur	D	Previously drilled 67; fine grey sand clay gravel 70; grey limestone. Water from 67 to 70.
Con V " 7	N. Fulmer	E. Hernandez	June 23, 1965	4	30	15	7	Fresh	D	Topsoil 1; yellow clay 8; blue clay 74; sand 78; shale limestone 87. Water from 80 to 87.
Con V " 7	J. VandenDriesche	"	July 1, 1965	4	30	15	7	"	D	Topsoil 1; clay 70; sand clay 79; brown limestone 87. Water at 85.
Con V " 7	R. Dupuis	W. Hernandez	Oct. 2, 1965	3	5	20	7	"	D	Clay 73; sand 79; limestone 87. Water at 87.
Con V " 7	T. Shura	"	Oct. 4, 1966	4	10	10	Flows	"	D	Clay 60; sand clay 80; limestone 82. Water at 82.
Con V " 7	W. Ferriss	E. Hernandez	Nov. 25, 1966	4	5	30	3	"	D	Clay 70; sand 89; limestone 94. Water at 92.
Con V " 7	"	M. Hernandez	Sep. 25, 1967	4	65	17	7	"	D	Fill 18; grey clay 70; sand gravel 86; white limestone 89. Water at 89.
Con V " 16	R. Verocruysse	D. Sundin	Aug. 1, 1966	4	5	32	18	"	D	Dug well 22; blue clay 58; clay fine sand 67; sand gravel. Water at 67.
Con V " 18	D. Johnson	"	Aug. 2, 1965	4	5	30	17	"	D	Clay topsoil 1; yellow clay 10; blue clay 14; fine grey sand 15; blue clay 31; hardpan 32; blue clay sand 51; hardpan 52; gravel sand. Water at 52.
Con V " 18	E. Johnson	"	Mar. 10, 1966	3	2	40	20	Sulphur	D	Clay topsoil 1; yellow clay 8; blue clay stones 24; blue clay fine sand 38; fine grey sand 74; hard clay 76; fine grey sand 81; grey limestone 87. Water at 87.
Con VI " 1	R. Dufour	"	Nov. 15, 1966	4	4	50	17	Fresh	D	Yellow clay 10; blue clay 55; fine grey sand 65; blue clay 85; blue clay gravel fine sand 88; grey limestone 97. Water at 97.
Con VI " 1	"	"	Nov. 18, 1967	4	10	40	20	"	D	Yellow clay 12; blue clay 84; sand gravel shale 87; grey limestone 90. Water at 90.



ESSEX COUNTY - cont. Colchester South - cont.												
Con VI	lot 5	N.Souliere	D.Sundin	Feb.10,1967	4	5	20	Flows	Sulphur	D,S	Topsoil fill 2;yellow clay 10;blue clay 25;fine grey sand 29;blue clay fine grey sand 75;gravel clay fine sand 80;grey limestone 100. Water from 90 to 95.	
Con VI	" 21	D.Smith	"	Oct. 8,1965	4	7	25	21	"	D,S	Clay topsoil 1;yellow clay 12;soft grey clay 20;blue clay 40;fine grey sand 89;grey limestone 96. Water at 96.	
Front Con.	" 37	J.Dellasiager	Hadco Well Digging Ltd.	June 9,1965	30	2	30	18	Fresh	P	Clay 15;rocks soapstone 25;sandy clay 28;shale 41;sandy clay 49;sand 56;clay 57. Water from 48 to 56.	
"	" 41	A.Szabo	W.Hernandez	Apr.11,1966	4	31	100	7	Sulphur	D	Sand 10;clay 40;sand clay 80;hardpan 89;brown limestone 118. Water at 118.	
"	" 41	"	"	Apr.16,1966	4						Sand 10;clay 41;very fine sand 76;clay hardpan 88. Dry hole.	
"	" 43	M.Woodbridge & Son	D.Sundin	June 24,1964	4	5	30	12	Sulphur	D	Concrete reservoir 23;blue clay 65;sand black shale 68;grey limestone 75. Water at 75.	
"	" 43	G.Reid	"	Aug.30,1966	3	10	20	8	"	D	Black topsoil 1;yellow clay 7;fine grey sand 12;blue clay fine grey sand 60;grey shale 61. Water at 61.	
"	" 45	S.Bailey	"	June 7,1965	4	4	25	9	"	D	Dug well 13;blue clay 30;hardpan 40;blue clay fine grey sand 73;gravel sand 74. Water at 74.	
"	" 48	K.James	"	May 9,1964	3	10	20	Flows	"	D	Black topsoil 1;yellow sand clay 6;grey sand clay 20;blue clay 56;gravel 58. Water at 58.	
"	" 48	R.Atkins	"	June 2,1964	3	2	30	"	Fresh	D	Black topsoil 1;light sandy soil 2;yellow sand clay 6;soft blue clay 20;hard blue clay 40;blue clay fine grey sand 62;shale fine grey sand 64;grey limestone 68. Water at 68.	
"	" 49	Lakeside Packing Co.	"	Jan.18,1964	4	8	25	6	Sulphur	In	Sandy soil 4;blue clay 20;fine grey sand 60;blue clay 80;fine grey sand 85;grey limestone 95. Water at 95.	
"	" 49	A.Buchanan	"	June 17,1964	3	4	25	2	Fresh	N	Clay topsoil 1;yellow sand 4;grey sand 30;clay sand 68;grey limestone 70. Water at 70. Sulphur.	
"	" 49	"	"	July 3,1964	3	10	25	2	"	D	Clay topsoil 1;yellow sand 4;grey sand 30;clay sand 63;sand silt 64;hardpan 68;grey limestone 71. Water at 63 and 71.	
"	" 49	Lakeside Packing Co.	"	Apr.12,1966	4	7	35	3	Sulphur	In	Sandy topsoil 4;blue clay fine grey sand 65;blue clay 83;fine grey sand 87;grey limestone 175. Water from 88 to 160.	
"	" 51	R.Flintoft	W.Hernandez	Apr. 1,1964					Fresh	N	Sand 12;blue clay 40;fine sand 45;layers sand clay 60;hardpan 80;sand clay 105;hardpan 115;sand rock layers 122;brown limestone 150. Water from 122 to 150.	
"	" 51	"	"	Apr.20,1964	4	5	23	19	"	D	Sand 16;blue clay 60;alternate layers sand clay 90;hardpan 107;sand 112;white rock 128. Water from 112 to 128.	
"	" 51	H.Wright & Son	M.Hernandez	Sep. 4,1965	8	100	50	28	"	Ir	Sand 32;clay 53;sand clay 120;brown limestone 132;white limestone 225. Water at 120, 132, 150, 180 and from 200 to 225.	
"	" 51	"	"	July 27,1966	8			24	"	Ir	Previously drilled 225;grey brown limestone 325. Water from 285 to 290.	
"	" 51	"	Mandley Drlg.Co. Ltd.	May 17, 1967	8	1500	44	40	"	Ir	Grey sand 60;sandy grey clay 105;gravel 135;gravel limestone 155;limestone 200. Water from 132 to 135 and from 153 to 160.	
"	" 52	J.Cairrera	M.Hernandez	Aug.15,1965	8	100	45	28	"	Ir	Sand 35;clay 55;clay sand 129;brown limestone 142;white limestone 232. Water at 129, 142 and from 200 to 232.	
"	" 52	"	"	June 29,1966	8	300		28	"	Ir	Previously drilled 232;white limestone 288. Water at 200.	
"	" 52	P.Bessling	D.Sundin	Aug.14,1964	4	5	40	25	"	D	Topsoil 1;yellow sand 10;fine grey sand 30;blue clay 55;fine grey sand 80;blue clay 123;shale sand 126. Water at 126.	
"	" 54	K.Butler	"	May 27,1964	2	35	4	4	"	Ir	Sandy topsoil 1;yellow sand 4;coarse grey sand 20. Water from 4 to 20.	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South - Cont. Con Front lot 54	S.Teskey	D.Sundin	Apr.30,1965	4	5	35	21	Fresh	D	Sandy topsoil 1;yellow sand 3;grey sand 16;blue clay 30;grey sand 53;hardpan 66;blue clay 93;hardpan 94;blue clay 120; shale sand 123;grey limestone 124. Water at 122 and 124.
Con " " 62	D. Whaley	W.Hernandez	Dec.29,1967	4	4	122	29	"	D,S	Loam 1;clay reddish brown 18;fine sand 20;blue clay 43;hardpan 80;hardpan fine sand 121; white limestone 181. Water at 181.
Con " " 63	H.McCormick	"	Dec. 1,1967	4	5	80	23	"	P	Pit 7; sand 15;clay sand hardpan 103;gravel 104;hardpan 111; sand 114;hardpan 120;limestone 132. Water at 132.
Con " " 65	J.Aughton	"	Feb. 5,1964	3	4	36	25	"	D	Sandy loam 1;boulders 12;red clay 35;sand 39;blue clay 75; fine sand 80;hardpan 85;fine sand 4;white limestone 98. Water at 98.
Con " " 65	G.Simmons	"	July23,1964	4	2 1/2	70	24	"	D	Loam 1;red clay 40;sand 45;blue clay 79;sand 87 1/2. Water at 87 1/2.
Con " " 68	A.Houle	M.Hernandez	May 2,1964	6	15	32	26	"	D	Black topsoil 2;grey sandy soil 16;quicksand 23;grey clay 90; hardpan 94. Water at 102.
Con " " 68	R.Knight	E.Hernandez	July25,1966	4	5	50	28	"	D	Sand 96;limestone 101. Water at 100.
Con " " 68	J.Dusa	R.McPherson Drlg	Aug.26,1967	4	9	44	28	"	D	Yellow clay 15;blue clay 35;quicksand 95;grey limestone 111; brown limestone 126. Water at 121.
Con " " 69	R.Dungy	D.Sundin	Aug.10,1964	4	5	45	31	"	D	Pump pit 5;fine grey sand 85;clay sand 93;shale 96. Water at 96.
Con " " 69	F.King	"	Oct. 1,1964	4	5	45	33	"	D	Black topsoil 1;clay sand 20;coarse sand 30;fine grey sand 83;blue clay 91;grey limestone 96. Water at 96.
Con " " 69	N.Goralski	"	Sep. 8,1965	4	5	45	29	"	D	Sandy topsoil 1;gravel 6;yellow sand 12;fine grey sand 60; blue clay fine grey sand 92;grey shale quicksand 95;grey limestone 101. Water at 100.
Con " " 69	T.Cox	W.Hernandez	Mar.28,1967	4	10	40	25	"	D	Sandy loam 1;sand 2; yellow clay 19;sand clay 25;sand 99; limestone 102. Water at 102.
Con " " 70	L.Lenkin	E.Hernandez	Dec. 2,1965	4	4	50	33	"	D	Topsoil 1;clay 20;quicksand 40;clay sand mixed 90;hardpan 95; shale 97;limestone 102. Water at 101.
Con " " 70	J.Halmosi	"	Oct. 5,1967	4	5	65	30	"	D	Topsoil 1;sand 80;sandy clay streaks 85;sand 92;limestone 113. Water at 111.
Con " " 70	R.Babity	D.Sundin	Aug.29,1966	4	3	30	28	"	D	Sand fill 1;black topsoil 2;yellow sand 10;grey sand 70;blue clay fine grey sand stones 96;grey limestone 103. Water at 103.
Con " " 71	G. Rogers	M.Hernandez	June27,1964	7	15	55	37	"	D	Black sandy soil 18;grey clay 20;quicksand 94;shale rock 104; black mud 105;grey limestone 136. Water at 136.
Con " " 71	R.Lypps	D.Sundin	Oct. 1,1965	4	7	30	23	"	D	Black topsoil 2;yellow sand clay 6;blue clay fine grey sand 58;blue clay 85;grey shale clay fine grey sand 88;grey limestone 90. Water at 90.
Con " " 71	E.Alexander	"	July 2,1965	4	5	30	28	"	D	Topsoil 1;yellow clay sand 10;blue clay fine grey sand 20; grey sand 83;blue clay fine grey sand 89;grey limestone 91. Water at 91.
Con " " 71	M.Pastorius	E.Hernandez	June26,1966	4	5	35	27	"	D	Topsoil 1;clay 12;sand 88;limestone 92. Water at 92.
Con " " 71	B.Wright	W.Hernandez	Apr.14,1967	4	10	40	25	"	D	Black loam 1;clay 2;sand 9;clay 30;sand clay 102;white limestone 105 1/2. Water at 104 1/2.
Con " " 72	E.Glassco	D.Sundin	May 1,1964	4	6	25	18	"	D	Black topsoil 1;yellow sand 8;fine grey sand 72;fine grey sand blue clay 78;hardpan stones fine grey sand 87;hard grey limestone 88. Water at 88.

ESSEX COUNTY - cont.  
Colchester South -cont.  
Con Front lot 72 N.Hoffman

Glenchester South - 8801.			N. Hoffman	D. Sundin	May 21, 1965	4	5	35	20	Fresh	D	Topsoil 1; yellow sand 4; yellow clay 10; blue clay 20; fine grey stone 94. Water at 94.
Con	"	73	G. Mulqueen	"	June 8, 1964	4	6	16	16	"	D	Red clay 6; yellow sand 8; blue clay 20; fine grey sand 40; blue clay fine grey sand 69; grey limestone 73. Water at 73.
Con	"	74	H. Bohr	"	June 30, 1965	4	5	20	17	"	D	Yellow clay 12; fine grey sand 73; blue clay 74; grey shale gravel 75. Water at 75.
Con	"	74	R. Fields	E. Hernandez	July 16, 1967	4	5	22	21	"	D	Topsoil 1; yellow sand 17; clay 62; sand 90; shale 93; limestone 133. Water at 130.
Con	"	75	R. Valois	D. Sundin	Feb. 18, 1964	4	5	22	12	"	D	Yellow clay 5; blue clay 25; fine grey sand 35; blue clay fine sand 77; grey limestone 84. Water at 84.
Con	"	76	W. Hahn	"	July 23, 1964	3	15	25	14	"	D	Black topsoil 2; yellow clay 8; fine grey sand 74; blue clay fine sand 84; hard grey limestone 86. Water at 86.
Con	"	76	P. Bourget	"	Aug. 21, 1965	4	5	60	17	"	D	Black topsoil 1; yellow clay 10; fine grey sand 60; blue clay fine grey sand 80; grey shale fine grey sand 82; grey limestone 120. Water at 120.
Con	"	76	J. Wagner	W. Hernandez	Mar. 10, 1966	3	3	50	17	"	D	Clay 33; sand 40; clay 60; sand hardpan 83; brown limestone 103. Water at 103.
Con	"	76	E. Saertorti	"	Mar. 18, 1966	3	3	60	17	"	D	Clay 33; sand 38; hardpan 50; sand 72; hardpan 80; sand 83; brown limestone 124. Water at 124.
Con	"	76	"	"	June 22, 1965	3	3	21	14	"	D	Black loam 1; red clay 26; sand 35; blue clay 60; hardpan 70; sand 78; brown limestone 81; sand 85; brown limestone 106. Water at 106.
Con	"	76	P. Connell	"	Dec. 17, 1966	7	5	20	5	"	D	Clay 40; sand clay 68; rock limestone 70; sand 70; limestone 80. Water at 80.
Con	"	77	V. Kokkola	"	June 15, 1966	4	20	30	13	"	D	Yellow clay 18; grey sand 60; hard blue clay 80; gravel 81; soft grey limestone 86. Water at 86.
Con	"	77	B. Tuck	Lucier Well Drlg.	Aug. 10, 1964	3	3	60	30	"	D	Topsoil 2; red clay 20; blue clay 30; sand 72; hardpan 80; sand 87; hard grey rock 95. Water from 90 to 95.
Con	"	81	R. Richards	D. Sundin	June 9, 1966	4	1 1/2	90	7	"	D	Topsoil 1; yellow clay 12; sand gravel 18; gravel 30; fine grey sand 50; hardpan 65; blue clay fine grey sand stones 75; soft grey limestone 99. Water at 83.
Con	"	81	M. Tuzyk	"	July 13, 1967	4	4	75	4	"	D	Black topsoil 1; yellow clay 10; blue clay 19; gravelly sand 30; fine grey sand 50; blue clay fine grey sand 65; hardpan fine grey sand 76; grey limestone 90. Water from 88 to 90.
Con	"	82	E. Latcham & G. O'Brien	Lucier Well Drlg	June 15, 1964	4				N	Topsoil 2; red clay 20; blue clay 40; sand 60; hardpan 70; sand boulders 74.	
Con	"	82	R. Pryor	D. Sundin	Dec. 7, 1964	4	5	30	12	Fresh	D	Clay 25; grey sand 58; clay 70; fine grey sand 76; grey limestone 78. Water at 78.
Con	"	82	G. Latcham	"	June 1, 1965	4	1 1/2	85	7	"	D	Black topsoil 1; yellow clay 10; blue clay stones 20; blue clay fine grey sand 46; hard blue clay 55; blue clay fine grey sand 70; grey shale fine grey sand 75; grey limestone 95. Water at 87.
Con	"	85	D. Kitchen	Lucier Well Drlg.	June 5, 1964	3	6	15	6	"	D	Topsoil 2; red clay 18; blue clay 40; hardpan 57; solid grey rock 63. Water at 63.
Con	"	85	W. Borre	"	Oct. 25, 1965	4	5	30	10	"	D	Topsoil 2; red clay 20; blue clay 40; hardpan 60; sand 63; soft grey rock 82. Water at 80.
Con	"	85	E. Pattison	D. Sundin	Apr. 19, 1965	3	15	20	5	"	D	Sand fill 1; yellow clay 8; fine sand blue clay 50; hardpan 60; gravel fine sand 63; grey limestone 68. Water at 68.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont.										
Colchester South - cont.										
Con Front lot 85	V. Bastien	W. Hernandez	June 15, 1966	3	10	25	2 1/2	Fresh	D	Sand 1; clay 40; clay sand 60; limestone 62. Water at 62.
Con " " 88	I. Williams	Lucier Well Drlg.	Nov. 18, 1964	3	5	12	6	"	D	Topsoil 2; red clay 20; blue clay 40; clay sand 50; hardpan 62; sand 65; soft grey rock 70. Water at 70.
Con " " 88	Delauney Cottages	E. Hernandez	July 6, 1966	4	10	18	6	"	P	Topsoil 1; clay 57; sand 67; grey limestone 73. Water at 71.
Con " " 88	F. Mauser	"	June 30, 1967	4	15	23	3	"	D	Topsoil 1; clay 50; sand coarse gravel 60; brown limestone 70 to 96.
Con " " 89	J. Pigeon	D. Sundin	Mar. 16, 1966	4	40	20	4	"	C	Clay 67; sand gravel 72; grey limestone 80. Water at 80.
Con " " 89	A. Knickle	"	May 26, 1966	4	10	20	14	"	D	Topsoil 1; yellow clay 12; blue clay 65; gravel sand 67; grey limestone 71. Water at 71.
Con " " 90	C. Langlois	"	Aug. 16, 1967	4	5	50	13	"	D	Topsoil 1; yellow clay 10; blue clay 73; sand gravel 75; grey limestone 90. Water from 88 to 90.
Con " " 91	L. Maitre	Lucier Well Drlg.	June 25, 1964	3	6	25	10	"	D	Topsoil 2; red clay 18; blue clay 50; clay sand 70; hardpan 80; soft grey rock 90. Water at 90.
Con " " 91	C. McArthur	E. Hernandez	July 17, 1966	4	5	50	10	"	D	Topsoil 1; clay 60; clay sand 78; limestone 108. Water from 90 to 106.
Con " " 92	W. Lloyd	"	Dec. 11, 1965	4	4	20	8	"	D	Topsoil 1; clay 70; sand gravel 75; shale 76; limestone 86. Water at 85.
Con " " 92	C. Zabornick	"	Dec. 23, 1965	4	4	50	5	"	D	Topsoil 1; clay 65; sand gravel 75; shale 79; limestone 89. Water at 87.
Con " " 93	R. Paquette	Lucier Well Drlg.	Nov. 4, 1965	4	20	15	10	"	D	Topsoil 2; red clay 20; blue clay 50; hardpan 60; shale 65. Water at 64.
Con " " 93	M. Coyne	E. Hernandez	Jan. 6, 1966	4	1 1/2	90	3	"	D	Topsoil 1; clay 60; clay gravel 66; sandstone 85; blue grey limestone 100. Water from 85 to 90.
Con " " 94	D. Pylar	D. Sundin	Apr. 7, 1964	3	30	15	7	"	D	Black topsoil 1; yellow clay 10; blue clay 60; blue clay grey sand 71; grey limestone 82. Water at 82.
Con " " 94	Service Plumbing & Heating	Lucier Well Drlg.	Aug. 2, 1964	3	5	29	8	"	D	Topsoil 2; red clay 18; blue clay 50; sand gravel clay 61; hard rock 73. Water from 71 to 73.
Con " " 94	R. & P. Filipiak	E. Hernandez	Aug. 31, 1967	4	10	15	6	"	D	Topsoil 1; clay 12; sand shale 73; limestone 80. Water at 79.
Con " " 94	B. Gillan	Lucier Well Drlg.	Sep. 15, 1966	4	10	10	4	"	D	Topsoil 2; red clay 18; blue clay 40; sand clay 60; gravel 64; soft rock 65. Water from 64 to 65.
Con " " 95	G. St. Louis	W. Hernandez	Aug. 4, 1964	3	5	21	14	"	D	Fill 2; blue clay 30; sand 40; blue clay 69; hardpan 70; sand 71; sandstone 77 1/2. Water at 77 1/2.
Con " " 96	"	Lucier Well Drlg.	July 27, 1965	3	5	18	6	"	D	Topsoil 2; red clay 20; blue clay 50; hardpan 62; white limestone 68. Water at 66.
Con " Gore " 4	D. Por	D. Sundin	Apr. 17, 1964	4	5	40	28	"	D	Black topsoil 2; yellow clay 10; blue clay 65; fine grey sand 106; shale sand 111; grey limestone 115. Water at 115.
Con " Gore " 4	G. McLean	"	Nov. 25, 1964	4	5	45	33	"	D	Clay topsoil 2; yellow clay 10; blue clay 93; hardpan 103; shale sand gravel 114; grey limestone 121. Water at 119.
Con " Gore " 6	H. Doeveling	"	June 26, 1964	4	15	20	7	Sulphur	D	Black topsoil 1; yellow clay 10; blue clay 45; blue clay sand 100; grey limestone 103. Water at 103.
Con " Gore " 6	B. Day	E. Hernandez	Nov. 22, 1967	4	2	130	13	Fresh	D	Topsoil 1; clay 80; fine sand 110; limestone 170. Water at 120.
Con " Gore " 7	W. Ferrise	"	Jan. 17, 1966	4	5	20	7	"	D	Topsoil 1; sand 9; quicksand 85; clay sand 110; coarse sand 113; limestone 119. Water at 117.
Con " Gore " 15	OWRC	Faulkner Well Drilling	Mar. 23, 1966	6			17	"	T	Brown silty sand silt seams 5; light brown silty fine sand 11; light brown medium sand 14; light brown fine sand 18; grey fine sand silt seams 28; grey medium to fine sand 33; grey clayey silt 34. Water at 18.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.  
Colchester South - cont.  
Con Front Gore lot 15

OWRC	Faulkner Well Drilling Co.	Mar. 30, 1966	6			13	Fresh	T	Brown fine sand 10; brown coarse fine sand gravel 15; brown fine medium sand 18; grey fine sand 24; grey fine sand medium sand 30; grey fine sand 32. Water at 15.
"	"	"	"	"	"	"	"	2-66	"
Con " " " 15	"	Apr. 1, 1966	6			14	"	T	coarse fine sand gravel 22; grey sandy silt clay 26; grey fine sand gravel 30; grey fine medium sand 32; grey fine sand 37. Water at 15.
Con Gore " 16	Seagrams Ltd.	June 24, 1965	1 1/2			15	"	4-66	"
Con " " 16	"	July 1, 1965	1 1/2			15 1/2	"	T	Black topsoil 1; brown sandy clay silt 7; blue sandy clay silt 13; blue clay 35; blue clay gravel 47; gravel 48; blue clay soft clay fine sand silt 100; silt sand coarse sand 109; sand fine gravel 114; blue clay 118; grey shale 120; limestone .
Con " " 16	D. Ferreira	July 28, 1966	4	10	30	15	"	D	Black topsoil 1; brown clay silt 6; blue clay silt 13; blue clay 61; silt 104; silt sand fine gravel 109; gravel clay streaks 114; blue clay 120. Water at 114.
Con " " 17	Harrow Research Station	July 23, 1966	8	50	180	28	"	Ir	Black sandy topsoil 1; yellow clay 10; blue clay 30; fine grey sand 118; shale fine sand 122; grey limestone 132. Water at 132.
Con " " 18	A. Herniman	Aug. 28, 1967	4	10	10	3	"	D	Yellow sand 5; grey sand 40; grey clay 100; quicksand 141; brown limestone 372. Water at 247 and 365.
Gosfield North Twp. Con VI lot 10	E. Fowler	July 11, 1966	4	1	150	4	Fresh	D	Dark sand 2; yellow sand 6; clay sand 75; sharp sand 85; gravel 94. Water from 85 to 94.
Con VI " 11	B. Kellington	Jan. 22, 1966	3	2 1/2	50	2	"	D	Clay topsoil 1; yellow clay 8; blue clay 40; fine grey sand gravel 109; clay fine grey sand 124; grey limestone 160. Water at 154.
Con VI " 16	A. Haggins	May 11, 1966	4	30	20	5	Sulphur	D	Yellow clay 10; blue clay 48; fine grey sand gravel 101; fine sand gravel shale 102; grey limestone 140. Water at 122 and 138.
Con VII " 1	F. Taylor	Oct. 31, 1967	4	1	80	18	"	D	Topsoil gravel fill 2; yellow clay 10; blue clay fine sand stones 20; hardpan 25; fine grey sand 44; hardpan 50; fine grey sand 99; gravel fine sand 105; gravel 106. Water at 106.
Con VII " 7	J. Ross	Sep. 5, 1967	4	5	150	17	"	D	Clay 74; sand 82; stone sand 86; clay sand 109; sand shale 113; soft rock 145. Water at 128.
Con VII " 24	S. Barneski	May 30, 1964	4	30		0	"	D, S	Clay topsoil 1; yellow clay 10; blue clay 60; fine grey sand 86; blue clay 90; gravel 91; blue clay 107; fine grey sand 128; grey limestone 195. Water from 175 to 195.
Con VIII " 16	C. Osborne	May 27, 1966	4	20	30	9	"	D, S	Blue clay 20; sand quicksand 110; coarse lake sand 112; coarse gravel 120. Water from 110 to 120.
Con VIII " 17	G. Miller	Sep. 27, 1966	4	5	35	16	"	D	Clay 30; hardpan sand 115; clay grey limestone 125. Water at 125.
Con VIII " 18	H. Brackell	Aug. 28, 1965	4	1		24	Fresh	N	Topsoil 1; yellow clay 10; blue clay 48; hardpan 50; fine grey sand blue clay 110; grey shale 111. Water at 111.
Con IX " 11	J. Kordos	Apr. 25, 1964	5	10	50	20	"	D	Clay sand 97; rock 103; sand 107. Water from 103 to 107.
Con IX " 12	S. Newman	May 11, 1966	4	5	30	17	"	D, S	Topsoil 2; red clay 22; blue clay 108; sand gravel 128; hard flint 131. Water at 131.
Con X " 1	C. I. L. Fertilizer	Sep. 14, 1966	3	4	36	31	"	D	Clay 105; sand clay 110; clay 117; fine sand 118; hard rock 120. Water at 120.
Con XI " 5	B. Smith	June 20, 1966	4	6	45	23	"	D, S	Brown clay 13; blue clay 81; gravel 96; sand 113; grey limestone 114. Water at 114.
	Johnston Bros.								Clay 88; sand 108; brown limestone 113 1/2; brown limestone 117. Water at 113 1/2.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Gosfield North Twp. cont. TRN lot 270	J. Seaborne	D. Sundin	Oct. 24, 1966	4	5	45	25	Fresh	D	Black topsoil 1; sandy soil 4; yellow clay 10; blue clay 90; grey sand 95; blue clay 114; grey shale 116; blue clay 125; grey shale gravel sand 128. Water at 128.
TRS " 262	D. Williamson	G. Sundin	July 8, 1966	4	14	30	6	"	D, S	Clay 22; sand 45; clay 87; sand 88; gravel 90. Water at 90.
TRS " 275	Essex County Canners Ltd.	"	July 31, 1967	6	5	85	31	"	In	Clay 21; sand 5; clay 119; sand gravel 126; shale 130; rock 137; rock 150. Water at 137 and 150.
Gosfield South Twp. Con II " G	J. Meritt	D. Sundin	Apr. 21, 1966	3	6	25	15	Sulphur	D	Dug well 12; blue clay 57; fine grey sand 72; blue clay fine grey sand 86; gravel sand 87; grey limestone. Water at 87.
Con II " H	A. Taggart	"	June 14, 1965	4	3	25	13	Fresh	D	Concrete reservoir 20; blue clay stones 32; sand. Water at 32.
Con II " M	Twp. Municipal Hall	M. Hernandez & Son	June 28, 1965	3	30	15	5	"	C	Fill 4; dark clay 6; lake sand 19; clay sand 38. Water at 6.
Con II " M	J. Oshellette	"	Dec. 17, 1966	10	3	5	4	"	D	Black loam 1; grey clay 5; black quicksand 39; grey clay 75; sharp sand 84. Water at 84.
Con II " 1	Twp. Public School	"	Apr. 30, 1964	7	10	75	10	"	P	Black loam 2; grey clay 6; gravel 18; grey clay 103; fine sand 112; mixed gravel sand 116. Water from 112 to 116.
Con III " 4	S. Johnson	E. Hernandez	Dec. 5, 1967	4	5	40	15	Sulphur	D, S	Topsoil 1; sandy clay boulders 42; quicksand 60; blue clay stones 80; quicksand 86; unconsolidated limestone 97. Water at 96.
Con III " K	Jackmine Sanctuary	M. Hernandez	May 9, 1967	6 1/4	25	40	3	Fresh	P	Clay loam 2; white clay 111; hardpan 115; shell 118. Water from 115 to 118.
Con III " M	G. Bailey	"	July 6, 1964	3	6	10	6	"	D	Black loam 2; sand 36; gravel 40. Water from 36 to 40.
Con III " M	E. Boose	D. Sundin	July 29, 1965	4	7	35	8	"	D	Concrete tile 15; fine grey sand 60; blue clay sand 115; grey limestone 126. Water at 126.
Con III " M	D. Reed	"	Sep. 22, 1965	4	7	45	16	"	C	Yellow clay sand 10; grey sand 12; blue clay fine grey sand 118; grey limestone 135. Water at 134.
Con III " 8	G. Bruner	M. Hernandez	Jan. 12, 1965	7	20	23	20	"	D	Yellow sandy topsoil 2; gravel 14; quicksand 17; blue clay 85; quicksand 102; grey limestone 106. Water from 106 to 108.
Con III " 11	H. Fischer	"	June 25, 1964	8	15	158	80	"	D	Yellow sand 2; gravel brown clay 80; quicksand 170; hardpan 196; gravel 201; grey shale 212. Water from 196 to 201.
Con IV " 8	G. Vegh	W. Hernandez	Aug. 28, 1964	4	5	40	12	"	D, S	Loam 1; blue clay 33; sand 39; blue clay 76; layers fine sand clay 92; hardpan 103; sand 113. Water at 39 and 113.
Con IV " 16	C. Putman	E. Hernandez	Oct. 25, 1967	4	3	23	8	"	D	Topsoil 1; clay 36; quicksand 80; fine sand 115; sand 117; limestone 120. Water at 119.
Con V " 3	A. Thurston	D. Sundin	Mar. 24, 1964	4	5	20	11	"	D	Dug well 13; clay 25; gravelly sand 57; grey limestone 68. Water at 68.
Con V " 4	M. Verschuere	G. Sundin	Oct. 6, 1966	4	7	18	12	"	D, S	Clay 40; quicksand 78. Water at 81.
Con V " 8	F. Walker	D. Sundin	Nov. 10, 1967	4	5	35	13	"	D, S	Dug well 20; blue clay 50; gravelly sand 55; fine grey sand blue clay 89; hardpan 99; fine grey sand 108; sand shale 113. Water at 113.
Con V " 11	D. MacPherson	"	Aug. 15, 1967	4	5	30	6	Sulphur	D	Dug well 12; blue clay 30; fine grey sand gravel 50; blue clay 81; shale sand 82. Water at 82.
Con V " 12	A. Wigle	"	Feb. 16, 1965	4	5	20	3	Fresh	D	Topsoil 1; blue clay 42; grey sand 47; clay sand 60; blue clay 81; sand gravel 82; hardpan. Water at 82.
Con V " 12	W. Springer	"	Aug. 8, 1966	4	30	15	3	Sulphur	D	Black clay topsoil 1; yellow clay 10; blue clay 40; clay hardpan 60; blue clay 84; grey sand 87; grey limestone 107. Water at 107.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.											
Gosfield South Twp. -cont.											
Con V		lot 12	E. Mumby	D. Sundin	June 9, 1967	4	15	5	3	Sulphur	D Yellow clay 10; blue clay 20; blue clay fine grey sand 50; sand gravel 60; blue clay 87; grey limestone 108. Water at 108.
Con V		" 12	N. Sonnenberg	R. McPherson Drls	Nov 20 1967	4	15	25	5	"	D
Con V		" 22	N. DeGoey	M. Hernandez	Feb. 6, 1964	5	5	60	56	Fresh	D stones 83; grey limestone 102. Water from 99 to 102. Light yellow sand 2; grey clay 70; gravel 87; quicksand 96; sharp sand 105. Water from 70 to 87.
Con I EDPC		" 4	Allied Veget- able Farms Ltd	"	Dec. 6, 1965	8	20	50	18	Sulphur	Ir Surface clay 69; gravel 75; grey limestone 295; dark shell 297; grey limestone 337. Water at 75 and 297.
Con I EDPC		" 8	G. Bruner	"	Dec. 30, 1964	5			20	Fresh	N Yellow sand 2; gravel 14; quicksand 17; blue clay 87; quicksand 103; grey limestone 108; gravel fine sand 112. Water from 108 to 112.
Con I WD		" 1	N. Baumert	E. Hernandez	June 18, 1966	4	10	15	8	Sulphur	D Topsoil 1; sand 7; quicksand 70; sand clay 90; sand gravel 95; sand 118; limestone 126. Water at 121.
Con I WD		" 5	E. Moore	D. Sundin	Sep. 14, 1965	4	5	20	18	Fresh	D Yellow clay 12; blue clay 20; grey sand 55; blue clay sand 65; shale fine grey sand 68; grey limestone 73. Water from 65 to 68 and at 73.
Con I WD		" 6	J. Deneau	"	Apr. 22, 1964	3	12	30	19	"	D Black topsoil 1; yellow clay 10; blue clay stones 25; fine grey sand 62; blue clay sand 65; shale sand 67; soft grey limestone 69. Water at 69.
Con I WD	lot	9	R. Pontikis	G. Sundin	Aug. 1, 1966	4	12	20	3	Sulphur	D Lake sand 7; clay 32; sand 53; soft rock 90. Water at 90.
Con I WD	"	9	R. Pontikis	"	Aug. 3, 1966	4	10	18	2	Fresh	D Lake sand 7; clay 35; sand 52; rock 55. Water at 55.
Con I WD	"	10	F. Bilham	"	Feb. 4, 1966	4	10	12	10	"	D Dug well 20; quicksand 72; rock 76. Water at 76.
Con I WD	"	16	G. Monforton	"	May 29, 1967	4	20	12	3	Sulphur	D Lake sand 7; clay 38; quicksand 48; rock 55. Water from 53 to 55.
Con I WD	"	16	D. Atherton	"	Oct. 17, 1966	4	1	70	5	Fresh	D Clay 38; quicksand 53; rock 75. Water at 75.
Con I WD	"	16	D. Hawley	"	Oct. 14, 1966	4	9	12	5	"	D Blue clay 40; sand 52; rock 56. Water at 56.
Con I WD	"	16	J. Morin	"	Dec. 21, 1966	4	8	20	2	Sulphur	D Clay 38; sand 51; rock 53. Water at 53.
Con I WD	"	20	Lorenzen Farms	W. Hernandez	Sep. 23, 1967	3	4		20	Fresh	D Dug well 20; sand 31; clay sand 36. Water at 31.
Con I WD	"	26	L. Firsh	D. Sundin	May 7, 1964	3	5	20	10	Sulphur	D Black topsoil 1; light sand 6; blue clay 20; fine grey sand 45; clay fine sand 60; clay gravelly sand 64; gravel 65. Water at 65.
Front Con WD	"	6	L. Sundin	L. Sundin	May 29, 1964	4	5	30	17	"	S Blue clay 30; stone 35; sand 94; rock. Water at 94
Front Con WD	"	6	R. Hillier	"	July 14, 1964	3	7	25	17	"	D Yellow clay 10; blue clay 17; fine grey sand 45; blue clay fine grey sand 66; shale fine grey sand 70. Water at 70.
Front Con WD	"	6	N. Brown	"	July 18, 1964	3	2	30	4	"	D Black topsoil 1; yellow clay 7; blue clay 37; fine grey sand 53; grey limestone 71. Water at 71.
Front Con WD	"	7	R. Hardy	G. Sundin	June 8, 1967	4	5	60	12	"	D Clay 20; quicksand 78; rock 82. Water at 82.
Front Con WD	"	7	R. Carson	"	June 20, 1967	4	5	40	12	"	D Clay 20; sand 76; rock 92. Water at 92.
Front Con WD	"	7	J. Edgerton	"	Nov. 10, 1967	4	10	30	16	"	D Clay 22; sand 54; clay sand 68; sand 72; rock 82. Water at 82.
Front Con WD	"	8	K. DeLaere	"	June 28, 1967	4	7	30	5	"	D Clay 54; sand 57; rock 62. Water at 62.
Front Con WD	"	9	R. Hisey	D. Sundin	June 10, 1965	4	5	20	12	"	D Concrete reservoir 22; blue clay 42; fine grey sand. Water at 42.
Front Con WD	"	9	J. Manton	"	July 8, 1965	4	30	15	4	"	D Yellow clay fill 2; black soil 4; blue clay 44; blue clay fine grey sand 48; grey limestone 50. Water at 50.
Front Con WD	"	9	J. Davids	"	June 9, 1965	4	15	10	2	Sulphur	D Lake sand 7; blue clay 46; gravel 47. Water from 46 to 47.
Front Con WD	"	9	Dr. J. Russo	G. Sundin	June 3, 1966	4	15	4	2	Fresh	D Lake sand 7; clay 49; coarse sand 50. Water at 50.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Gosfield South Twp. -cont.										
Front Con WD " 16	W. Kelly	D. Sundin	June 10, 1964	4	6	15	5	"	D	Clay topsoil 1; yellow clay 12; blue clay boulders 15; blue clay 47; gravel 53. Water at 53.
Front Con WD " 16	W. Mayville	G. Sundin	June 13, 1967	4	5	20	14	"	D	Clay 35; sand 44; gravel 45. Water from 44 to 45.
Front Con WD " 16	R. Tomlin	"	July 4, 1967	4	20	10	3	"	D	Clay 40; sand 47; rock 53. Water at 53.
Front Con WD " 17	A. St. Louis	D. Sundin	Apr. 9, 1965	4	5	15	2	"	D	Black topsoil 2; yellow clay 10; blue clay 43; gravel 45. Water at 45.
Front Con WD " 17	E. Toohig	G. Sundin	Mar. 10, 1966	4	20	11	5	Sulphur	D	Sand 38; clay 42; sand gravel 48. Water at 48.
Front Con WD " 19	O. Vargyas	D. Sundin	July 7, 1964	4	2	35	1	Fresh	D	Yellow clay 10; blue clay 30; fine grey sand 46; grey limestone 47. Water at 47.
Front Con WD " 32	U. Balkwill	"	May 2, 1966	4	5	50	10	Sulphur	D	Black topsoil 1; yellow sand 3; blue clay 20; blue clay fine grey sand 60; blue clay 70; fine grey sand 84; grey limestone 92. Water at 92.
Front Con WD " 32	J. Meleg	"	Feb. 8, 1964	4	4	55	12	"	"	Dug well 20; blue clay fine grey sand 69; grey limestone 82. Water from 70 to 82.
Harrow Town										
	Clark Food Ltd	M. Hernandez	Oct. 18, 1965	6					T	Clay 8; sharp sand 10; clay layers sand 59; clay 62; fine sand 104; limestone.
	L. Butt	R. McPherson Drlg.	Oct. 21, 1967	4	6	70	8	Fresh	D	Topsoil 3; yellow clay 25; sand 60; quicksand 100; muddy brown limestone 110; grey limestone 136. Water from 128 to 136.
Kingsville Town										
Con I lot 2	J. Boldt	D. Sundin	Nov. 21, 1966	4	15	20	9	Fresh	D	Yellow clay 8; blue clay 15; fine grey sand 42; blue clay 52; fine grey sand 60; blue clay 65; fine grey sand 90; fine grey sand gravel 98; grey limestone 102. Water at 102.
Leamington Town										
	Pyramid Cannery	M. Hernandez & Sons	May 22, 1965	8	50	13	5	Fresh	In	Fill earth 4; grey clay 98; sandy gravel 111. Water from 98 to 111.
	H. J. Heinz Co. of Can. Ltd.	International Water Supply Ltd.	Mar. 31, 1965	2			30		T	Sand fill 5; black sand silt wood ashes 24; blue clay 49; sand gravel 60; silt sand 65; sand gravel 73; clay gravel 76.



ESSEX COUNTY - cont.

Maldstone Twp.  
Belle River West

BRW Con II	lot 24	G. Gevaert	M. Williams	July 15, 1965	3	11	30	10	Sulphur	D, S	Clay 116; hardpan stone 125; grey limestone 129½. Water at 125 and 129½.
BRW Con II	" 24	W. McMurren	J. Smith	July 29, 1966	3	6	12	10	"	D, S	Brown clay 13; blue clay 79; gravel 92; sand 123. Water at 124.
BRW Con III	" 25	J. Renaud	"	July 3, 1966	3	5	18	13	Fresh	D, S	Brown clay 13; blue clay 86; gravel 100; sand 113; rock 117. Water at 117.
BRW Con III	" 27	M. Johnston	Johnston Bros.	Mar. 10, 1967	4	3½	55	20	"	D, S	Topsoil 1; yellow clay 9; blue clay 90; brown limestone 91. Water from 90 to 91.
BRW Con IV	" 19	C. Kogel	W. Hernandez	Aug. 6, 1966	4	<½	125	25	Sulphur	D	Clay 90; hardpan 92; brown limestone 126. Water from 102 to 105.
BRW Con IV	" 19	"	"	July 21, 1966	4	¼	129	25	"	N	Clay 40; fine sand clay 44; blue clay 80; hardpan 94; brown limestone 130. Water at 99.
BRW Con IV	" 27	D. Hines	Johnston Bros	Aug. 24, 1965	4	6	50	25	Fresh	D	Yellow clay 6; blue clay 100; sand 102; brown limestone 104½. Water at 104½.
BRW Con V	" 24	E. Ross	"	Apr. 29, 1965	3	1	40	15	Sulphur	N	Clay 104; sand fine flowing 106; brown limestone 131. Water at 131.
BRW Con VI	" 14	P. Kennette	Lucier Well Drlg.	Nov. 6, 1964	4	3	60	30	"	D, S	Topsoil 2; red clay 20; blue clay 90; clay sand 120; hardpan 130; hard grey rock 132. Water at 132.
BRW Con VII	" 16	W. Cline	Johnston Bros.	Feb. 23, 1965	4	3	80	15	"	D	Yellow clay 6; soft blue clay 98; sand 98½; brown limestone 120. Water at 113 and 120.
BRW Con VII	" 24	A. St. Pierre	D. Sundin	Oct. 27, 1966	4	10	30	27	"	D	Clay topsoil 1; yellow clay 10; blue clay 105; fine grey sand gravel 110; grey limestone 113. Water at 113.
BRW Con VIII	" 15	L. Eyraud	M. Hernandez	Oct. 30, 1966	4	5	45	24	Fresh	D, S	Clay 80; sand 93; limestone 96. Water at 94.
BRW Con IX	" 16	L. Little	Johnston Bros.	Apr. 15, 1965	4	4	60	25	Sulphur	D, S	Clay 44; fine sand 88; hard blue clay 144; hardpan 160; sand 162; shale 167½. Water at 167.
BRW Con IX	" 17	W. Little	S. Earl	Nov. 23, 1966	4½	½	100	20	"	N	Clay 84; limestone 152. Water at 118.
BRW Con IX	" 18	W. Walstedt	Lucier Well Drlg.	June 5, 1965	4	1	95	40	Fresh	S	Topsoil 2; red clay 20; blue clay 80; sand clay 90; hardpan 103; hard rock 118. Water from 110 to 118.
BRW Con IX	" 18	J. Walstedt	D. Lecuyer	Oct. 26, 1966	4	5	50	24	Sulphur	D	Clay 5; sand clay 8; clay 40; clay pebbles 86; coarse limestone shale 86½; fine brown limestone shale 88. Water at 88.
BRW Con IX	" 18	"	"	Nov. 7, 1966	4	1½		28	Fresh	N	Clay 2; clay sand 15; clay few pebbles 42; clay 89; medium gravel 93; clay gravel 108; heaving gravel 110; clay gravel 113; limestone hard shale 120; soapstone 123. Water at 108.
Malden Road North & South											
MRN	" 1	A. Baker	J. Smith	Feb. 28, 1964	3	<½		24½	oil	D	Brown clay 10; blue clay 32; sand gravel 33; blue clay 50; sand 60; blue clay 90; light grey limestone 101½. Water at 100.
MRN	" 1	W. Baker	D. Sundin	May 24, 1967	4	½	135	30	Fresh	D	Top clay soil 1; yellow clay 12; blue clay 87; sand gravel 90; grey limestone 145. Water at 140. Oil at 145, plugged last 5 feet.
MRN	" 2	I. Jerome	"	Apr. 14, 1967	4	8	55	30	Sulphur	D, S	Black topsoil 2; yellow clay 10; blue clay 101; sand gravel 106. Water at 106.
MRN	" 9	C. Vickard	"	Sep. 19, 1966	4	5	24	22	Fresh	D	Pump pit 4; yellow clay 10; blue clay 109; gravel 110; clay sand 112; hard grey limestone 113. Water at 113.
MRN	" 13	O. Firth	M. Williams	July 1, 1964	3	8		6	"	D, S	Blue clay 82; hardpan 84; sand 90. Water from 84 to 90.
MRN	" 13	A. Kwaitkowski	D. Sundin	Dec. 2, 1966	4	20	30	10	"	D	Dug well 20; blue clay 81; gravel sand blue clay 89. Water at 89.
MRS	" 2	E. McCann	J. Smith	May 12, 1964	3	5	30	29½	Sulphur	D, S	Brown clay 14; blue clay 83; sand 101; hardpan 103; gravel 107. Water at 103.
MRS	" 3	M. Doyle	D. Sundin	May 29, 1967	4	10	40	34	Fresh	D	Clay topsoil 1; yellow clay 10; blue clay 70; fine grey sand blue clay 100; gravel fine grey sand 107; grey limestone 108. Water at 108.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depths to which formations extend below the surface are given in feet)										
ESSEX COUNTY - cont.										
Maldstone Twp. - cont.										
Malden Road South cont.										
MRS lot 5	L.Gilbert	J.Smith	June 14, 1965	3	1	50	32	Sulphur	D,S	Brown clay 13; blue clay 78; sand 103; gravel 113; hard grey rock 143. Water at 142.
MRS " 7	P.Grant	D.Sundin	Feb. 15, 1966	3	3	52	32	"	D	Clay topsoil 1; yellow clay 10; blue clay 114; grey limestone 122. Water at 122.
MRS " 8	C.Little	G.Sundin	Oct. 11, 1967	4	8	35	27	Fresh	D	Clay 108; sand 110; rock 111. Water at 111.
MRS " 11	J.Quinlan	D.Sundin	Dec. 17, 1965	3	6	30	21	Sulphur	D,S	Topsoil 2; yellow clay 6; fine grey sand 8; blue clay 109; blue clay fine grey sand stones 113; grey limestone 126. Water at 126.
MRS " 11	T.Johnston	Johnston Bros.	Jan. 18, 1967	4	5	40	24	Fresh	D	Blue clay 109; gravel 114. Water from 112 to 114.
MRS " 12	G.Reeb	"	Apr. 24, 1965	3	5	45	25	Sulphur	D	Blue clay 94; sand 95; shale 96. Water at 96.
Talbot Road North 284	L.Boloham	Lucier Well Drlg.	July 27, 1964	3	5	70	35	"	D	Topsoil 2; red clay 18; blue clay 108; clay sand 124; soft grey rock 128. Water at 128.
TRN " 284	C.Vlasic	D.Sundin	Dec. 2, 1965	4	7	33	35	"	D	Yellow clay 12; blue clay 126; sand silt stones 128; dolomite 140. Water at 140.
TRN " 284	P.McCloskey	Johnston Bros.	June 28, 1965	4	6	42	42	"	D	Yellow clay 8; blue clay 118; sand 119; brown limestone 130. Water at 130.
TRN " 284	F.Babich	Lucier Well Drlg.	Aug. 21, 1965	3	5	50	24	Sulphur	D	Topsoil 2; red clay 20; blue clay 110; hardpan 124; gravel 128. Water from 124 to 128.
TRN " 284	N.Basan	D.Sundin	Sep. 14, 1966	4	5	33	33	"	D	Yellow clay 12; blue clay 123; shale sand 125; grey limestone 126. Water at 126.
TRN " 288	W.Cowan	Johnston Bros.	Sep. 24, 1964	4	5	37	35	Fresh	D,S	Topsoil 6; blue clay 126; sand 128; brown limestone 130. Water at 129.
Talbot Road South 288	F.Ellis	"	July 7, 1965	4	6	35	32	"	D	Yellow clay 6; blue clay 125; sand 131; dark shale 132. Water at 132.
Malden Twp.										
CG	N.Hamill	S.Hutchins	Mar. 24, 1964	3	4	25	5	Fresh	D	Clay 22; blue clay 35; sand 44; limestone 46. Water at 46.
CG	M.Simon	"	Apr. 7, 1964	3	4	25	10	"	D	Clay 38; sand 44; limestone 50. Water at 50.
CG	P.Hamill	"	Apr. 10, 1964	3	4	25	5	"	D	Clay 18; blue clay 38; sand 46; shell rock 47. Water at 47.
CG	Essex County	M.Hernandez	Apr. 14, 1964	7	15	10	6	"	D	Black loam 2; grey clay 38; hardpan 41; coarse gravel 52. Water from 41 to 52.
CG	Essex Farms	Lucier Well Drlg.	July 20, 1967	4	10	8	2	"	D	Topsoil 2; red clay 20; blue clay 35; quicksand 49; soft grey rock 52. Water at 51.
CG	A.Lindburg	S.Hutchins	Apr. 15, 1964	3	4	20	4	"	D	Clay 25; blue clay 38; sand 47; limestone 48. Water at 48.
CG	W.Varney	"	Apr. 24, 1964	3	4	25	2	"	D	Sand 6; clay 20; blue clay 33; sand 44; gravel 47. Water at 47.
CG	F.Foster	"	June 10, 1964	3	5	25	2	"	D	Clay 3; blue clay 29; sand 45; hardpan 46; gravel 47. Water at 47.
CG	T.Krivak	Lucier Well Drlg.	June 30, 1964	3	3	45	4	"	D	Topsoil 2; red clay 15; blue clay 35; sand 39; soft caving limestone 65. Water at 45 and 65.
CG	W.Hoebeke	S.Hutchins	July 30, 1964	3	4	25	8	"	D	Black muck 10; yellow clay 20; blue clay 30; sand 44; hardpan 45; sand 46; limestone 50. Water at 50.
CG	R.Mitchell	"	Aug. 1, 1964	3	4	25	8	"	D	Sand 5; yellow clay 20; blue clay 35; sand 44; hardpan 46; gravel 47. Water at 47.
CG	C.Kangas	W.Hernandez	Aug. 3, 1964	4 1/2	5	20	3	"	D	Blue clay 30; sand 32; blue clay 40; hardpan 43; gravel 45; brown limestone 47. Water at 45 and 47.
CG	W.Sherrin	S.Hutchins	Aug. 22, 1964	3	4	25	8	"	D	Sand 8; black muck 12; blue clay 36; sand 45; blue clay 55; sand 59; limestone 65. Water at 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.  
Malden Twp. - cont.

CG		D.East	S.Hutchins	Sep. 4, 1964	3	4	25	10	Fresh	D	Clay 18; blue clay 35; sand 38; hardpan 42; gravel 43. Water at 43.
CG											Black sand 38; blue clay 30; sand 43; limestone 45. Water at 45.
CG		V.Marney	"	Oct. 10, 1964	3	4	25	10	"	D	Sand 10; clay 40; sand 62; limestone 68. Water at 68.
CG		J.Robitaille	W.Hernandez	Jan. 11, 1965	4	4	25	8	"	D	Sand 5; clay 40; sand 44; grey rock 54. Water from 44 to 54.
CG		C.Daynes	S.Hutchins	Apr. 14, 1965	3	4	20	3	"	D	Clay 15; blue clay 30; sand 43; sandstone 46. Water at 43.
CG		W.Near	"	June 13, 1966	3	10	20	1	"	D	Yellow clay 17; blue clay 35; sand 42; limestone 48. Water at 48.
CG		A.Feliks	Lucier Well Drlg	July 19, 1965	3	24	8	4	"	D	Topsoil 2; red clay 20; blue clay 35; shale 37; hardpan 46; soft grey rock 53. Water at 52.
CG		J.Oshaway	"	Sep. 6, 1965	3	20	10	3	"	D	Topsoil 2; red clay 20; blue clay 35; sand 46; soft grey rock 52. Water at 50.
CG		P.Benaud	"	June 12, 1965	3	30	10	6	"	D	Topsoil 2; red clay 20; blue clay 30; hardpan 42; soft grey rock 48. Water from 46 to 48.
CG		A.Martin	S.Hutchins	Sep. 9, 1967	3	10	25	42	"	S	Black loam 8; yellow clay 15; blue clay 38; hardpan 43; gravel 45. Water at 45.
Con I	lot 4	S.Deslippe	"	July 7, 1964	3	4	25	15	"	D	Clay 20; blue clay 40; sand 54; limestone 58. Water at 58.
Con I	" 5	Blue Haven Lodge	"	Mar. 3, 1964	3	4	25	15	"	Ir	Clay 20; blue clay 40; sand 41; limestone 43. Water at 43.
Con I	" 14	A.Kelly	"	Oct. 26, 1964	3	3	25	5	"	S	Yellow clay 18; blue clay 34; sand 35; gravel 36. Water at 36.
Con I	" 14	G.Niven	"	May 6, 1965	3	4	25	6	"	D	Yellow clay 20; blue clay 37; hardpan 38; gravel 39. Water at 39.
Con I	" 14	L.Piper	Lucier Well Drlg.	July 23, 1965	3	15	6	4	"	D	Topsoil 2; red clay 20; blue clay 36; soft grey rock 41. Water at 40.
Con I	" 14	N.Mathieson	S.Hutchins	Aug. 23, 1967	3	5	25	6	"	D	Yellow clay 17; blue clay 35; hardpan 38; gravel 39. Water at 39.
Con I	" 18	F.Moore	"	May 14, 1965	3	5	25	10	"	D	Yellow clay 18; blue clay 35; sand 44; limestone 53. Water at 53.
Con I	" 18	H.McBride	"	Aug. 4, 1966	3	5	25	9	"	S	Yellow clay 18; blue clay 44; fine grey sand 47; grey limestone 53. Water at 53.
Con I	" 18	D.Annibal	"	Dec. 6, 1967	3	8	25	1	"	D	Yellow clay 20; blue clay 41; sand 43; shell rock 44. Water at 44.
Con II	" 21	G. Court	"	June 11, 1965	3	5	25	10	"	D	Yellow clay 15; blue clay 29; sand 31; limestone 35. Water at 35.
Con II	" 24	B.MacGregor	D.Sundin	May 4, 1965	4	5	37	21	"	D	Clay 16; grey limestone 65. Water at 60.
Con III	" 27	C.Whittall	S.Hutchins	June 12, 1965	3	3	35	25	Sulphur	D	Yellow clay 18; blue clay 42; sand 44; limestone 48. Water at 48.
Con III	" 29	S.Hutchins	"	June 13, 1964	3	3	25	20	Fresh	D	Clay 36; blue clay 40; limestone 50. Water at 50.
Con III	" 29	R.Dent	"	Aug. 7, 1967	3	4	25	18	"	D	Yellow clay 15; blue clay 35; limestone 43. Water at 43.
Con III	" 29	Sauro Bros.	"	Aug. 29, 1967	3	4	25	17	"	D,S	Yellow clay 15; blue clay 37; hardpan 39; gravel 40. Water at 40.
Con III	" 31	M.Struhar	"	Sep. 19, 1967	3	4	25	6	"	D,S	Yellow clay 23; blue clay 47; hardpan 49; sand 54; gravel 56. Water at 56.
Con V	" 44	M.Burns	"	July 16, 1966	4	3	60	34	"	D,S	Gravel 6; yellow clay 18; blue clay 70; limestone 80. Water at 80.
Con V	" 45	D.Paquette	D.Sundin	Dec. 23, 1966	4	3	58	27	"	D,S	Yellow clay 8; blue clay 20; blue clay fine grey sand 48; gravel clay fine grey sand 65; grey limestone 110. Water from 85 to 110.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont.										
Malden Twp - cont.										
Con VI lot 46	C.Rebidoux	R.McPherson Drlg.	Aug.21,1967	4	10	39	24	Fresh	D	Yellow clay 10;blue clay 70;grey limestone 88. Water at 85.
Con V " 56	Ont.Dept. of Lands&Forests	C.Goodberry Well Drlg. Ltd.	Mar.25,1967	6	15	16	2½	"	P	Brown sand 7;brown clay gravel 22;grey silt 51½;white coarse sand 55½. Water from 51½ to 55½.
Con V " 56	"	"	Apr. 1,1967	6	10	60	2½	Sulphur	P	Brown clay 11;grey silty clay 53;cemented sand 55;brown limestone 114. Water from 110 to 114.
Con VI " 58	A.Petersak	Lucier Well Drlg.	Apr.17,1965	3	10	20	6	Fresh	D	Topsoil 2;red clay 20;blue clay 45;hardpan 57;soft grey rock 69. Water from 61 to 69.
Con VI " 58	A.Perakis	S.Hutchins	May 6,1966	3	4	25	6	"	D	Sand 7;black muck 20;blue clay 48;sand 56;limestone 59. Water at 59.
Con VI " 58	J.Sutherland	E.Hernandez	July13,1967	4	15	15	4	"	D	Topsoil 1;sand 8;blue clay 50;sand 56;grey limestone 64. Water at 63.
Con VI " 67	E.Renaud	S.Hutchins	Aug.21,1965	3	4	30	17	"	D	Yellow clay 20;blue clay 68;sand 70;limestone 73. Water at 73.
Con VI " 68	St.Theresa School	"	Mar.16,1964	4	4	60	22	"	P	Yellow clay 18;blue clay 67;sand 69;sandstone 75. Water at 74.
Con VI " 68	J.Langlois	W.Hernandez	Sep.31,1965	3	4	22	14	"	D	Clay 68;gravel 69;limestone 73. Water at 73.
Con VI " 71	K.Brush	S.Hutchins	Apr.10,1967	3	2	50	22	"	D	Yellow clay 15;blue clay 40;sand 45;blue clay 74;limestone 78. Water at 78.
Con VII " 59	J.Taylor	"	June 5,1965	3	4	30	4	"	D	Topsoil 1;sand 10;yellow clay 30;blue clay 35;sand 61;limestone 70. Water at 70.
Con VII " 59	L.Erie Country Club	Lucier Well Drlg.	Aug. 6,1965	4	3	25	12	"	D	Topsoil 2;red clay 20;blue clay 50;sand 50;shale 64;hardpan 72;soft grey rock 106. Water at 100.
Con VII " 59	A.Ferrarini	D.Sundin	Sep. 3,1966	4	20	15	3	"	D	Lake sand 5;black soil 8;blue clay 52;gravel fine grey sand 57;grey limestone 68. Water at 68.
Con VII " 60	J.Goodchild	Lucier Well Drlg.	July23,1964	3	10	12	8	"	D	Topsoil 2;red clay 20;blue clay 58;clay sand 65;sand 67;soft grey rock 70. Water at 70.
Con VII " 60	C.Ranta	"	June25,1965	4	5	20	10	"	D	Beach sand 4;marsh mud 15;red clay 30;blue clay 50;hardpan 61;white rock 70. Water from 68 to 70.
Con VII " 60	E.Davidson	D.Sundin	July 6,1965	3	8	15	10	"	D	Yellow clay 12;blue clay 60;grey shale 61. Water at 61.
Con VII " 60	F.Pearman	S.Hutchins	June26,1965	3	4	25	8	"	D	Yellow clay 15;blue clay 50;sand 55;blue clay 60;hardpan 62; shell rock 64. Water at 64.
Con VII " 60	J. Pearman	"	Aug. 4,1967	3	5	25	8	"	D	Yellow clay 15;blue clay 54;sand 59;blue clay 64;sand 65; limestone 70. Water at 70.
Con VII " 60	"	E.Hernandez	June22,1965	4	5	45	35	"	D	Topsoil 1;clay 4;quicksand 6;clay 35;quicksand 54;clay 76; gravel sand 83;brown limestone 95. Water at 89.
Con VII " 76	A.Dufour	S.Hutchins	Oct.21,1964	3	4	65	35	"	D,S	Yellow clay 18;blue clay 63;sand 68;limestone 85. Water at 85.
Con VII " 78	G.Candusso	E.Hernandez	July27,1965	7	1½	100	23	"	D,S	Topsoil 1;clay 12;blue clay 53;stones boulders 60;blue clay 70;sandstone 78;brown limestone 108. Water from 80 to 105.
Con VII " 82	R.French	S.Hutchins	May 19,1964	3½				"		Clay 2;sand 4;clay 20;blue clay 65;sand 79;limestone 85; blue clay sand 100. Dry hole.
Con VII " 82	R.French	"	June 6,1964	3½	1	100	40	Fresh	D,S	Clay 2;sand 5;clay 20;blue clay 78;sand 97;limestone 120. Water at 115.
Con VII " 82	E.Wood	Lucier Well Drlg.	Dec.10,1964	4	3	70	35	"	D,S	Topsoil 2;red clay 20;blue clay 70;hardpan 82;hard grey rock 95. Water at 95.
Con VII " 82	J.Bailey	S.Hutchins	Mar.11,1967	3	1½	90	35	"	D	Clay 15;blue clay 75;sand 87;limestone 120. Water at 88.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont.										
Mersea Twp. - cont.										
Con IV lot 7	M.Seres Farm	M.Hernandez	Apr.20,1967	8	0	0	0			Yellow sand 2;gravel 18;grey clay 138;hardpan 152;quicksand 170;hard grey limestone 260. Dry hole.
Con IV "	W.Wallace	M.Williams	Aug.21,1967	3	5	40	25	Fresh	D	Clay 44;limestone 49. Water at 49.
Con IV "	K.Weber	"	Aug.13,1964	3	10	20	10	"	D	Clay 74;hardpan 76;sand gravel 84. Water from 76 to 84.
Con V "	J.Seres	"	Sep. 3,1965	3	30	30	5	"	D,S	Clay 50;sand hardpan 75;gravel 85. Water at 57 and from 75 to 85.
Con V "	J.Schmidt	"	Nov.14,1965	3	30	20	10	"	D	Clay 50;hardpan sand 70;gravel 82. Water at 52 and from 70 to 82.
Con V "	M.Foldesi	"	Nov. 3,1964	3	10	20	5	"	D	Clay 87;hardpan 92;grey limestone 95. Water at 93.
Con V "	W.Redkop	"	June 5,1964	3	25	5	"	"	D	Blue clay 90;hardpan 95;grey limestone 105. Water at 104.
Con V "	A.Unrao	"	July 7,1967	3	20	30	10	"	D	Clay 90; hardpan 113;limestone 126. Water at 126.
Con V "	K.Wesenberg	"	June12,1967	3	15	30	3	"	D	Clay 55;hardpan 60;sand gravel 70;limestone 95. Water at 60.
Con V "	C.Tetzlaff	A.Wilkinson	Nov. 1,1964	3	4	21	16	"	D	Grey clay 69;shale 73. Water from 69 to 73.
Con V "	A.Collison	M.Williams	May 2,1967	3	30	30	10	"	D	Clay 85;hardpan 90;grey limestone 100. Water at 100.
Con V "	A.Weibe	"	June 6,1967	3	30	30	10	"	D	Clay 85;hardpan 90;limestone 95. Water at 95.
Con V "	A.Collison	"	Oct.27,1967	3	20	30	10	"	D	Clay 92;hardpan 96;limestone 106. Water at 105.
Con VI "	S.Barneski	"	May 1,1964	3	30	0	"	"	D,S	Blue clay 30;sand 58;coarse gravel 66. Water from 58 to 66.
Con VI "	P.Tiessen	"	June20,1965	3	30	5	"	"	D	Blue clay 46;hardpan 50;fine gravel 56. Water from 50 to 56
Con VI "	E.Whittle	"	July13,1964	3	10	30	10	"	D,S	Clay 40;hardpan 42;sand gravel 50.
Con VI "	R.Kettle	"	Dec.10,1965	3	"	"	"	"	"	Clay 90;hardpan boulders 114. Dry hole.
Con VI "	G.Murray	"	July10,1966	3	20	25	8	"	D	Clay 90;hardpan sand 114;white limestone 124. Water at 124.
Con VI "	P.Sawatsky	"	Dec.22,1966	3	50	25	8	"	D	Clay 90;hardpan 115;limestone 125. Water at 125.
Con VI "	T.Thoman	M.Hernandez	Apr.7, 1967	8	45	110	15	Sulphur	In	Black sand 2;grey clay 102. Water at 132.
Con VI "	A.Epp	M.Williams	July 9,1966	3	30	50	25	Fresh	D	Clay 96;hardpan 102;limestone 110. Water at 110.
Con VI "	G.Collard	A.Wilkinson	Apr.10,1964	4	12	32	34	"	D,S	Blue clay 99;gravel 102;black shale 106½. Water at 106½.
Con VIII "	Blytheswood	M.Williams	Apr. 1,1965	4	15	120	26	Sulphur	P	Blue clay 105;hardpan 110;grey limestone 120. Water from 119 to 120.
Con VIII "	T.Willet	"	Nov. 1,1966	3	20	50	20	"	S	Clay 135;hardpan 140. Water at 140.
Con IX "	D.Gillanders	"	June 4,1965	3	17	"	21	Fresh	D,S	Blue clay 95;hardpan 101;grey limestone 104. Water at 103.
Con X "	A.Douglas	"	Aug.24,1965	3	"	"	"	"	N	Clay 100;limestone 120.
Con XI "	A.Knight	"	Apr.10,1965	3	33	"	12	Sulphur	D	Blue clay 89;hardpan 95;grey limestone 96. Water at 96.
Con XI "	R.McCracken	"	July 5,1965	3	6	"	21	"	D,S	Blue clay 100;hardpan 106;grey limestone 116. Water at 109.
Con XI "	B.McCracken	"	July20,1965	3	6	40	22	"	S	Clay 105;hardpan 108;limestone 118. Water at 114.
NTR "	"erson	"	July28,1967	3	25	30	24	"	D	Clay 90;hardpan 95;shale 96. Water at 95.
NTR #228	"	M.Hernandez	Aug.26,1965	8	50	65	37	Fresh	In	New fill 3;grey clay 90;brown rock 112. Water at 96.
NTR #244	L.Grossi	E.Hernandez	June11,1966	8	35	80	12	"	Ir	Sand 16;blue clay 60;sandy clay 67;limestone 145. Water from 80 to 130.
NTR #244	J.Wilkinson	M.Williams	Aug.21,1967	3	2½	50	30	"	D	Clay 41;limestone 61. Water at 46.
Pelee Twp. Plan 384 lot 18	A.Humpage	W.Marsh	Aug.28,1965	5	½	70	10	Sulphur	D	Topsoil ½;grey limestone 77. Water at 22,28, 55 and 70.
	C.Hamel & R.Bauhaus	"	Sep.30,1964	6½	12	25	15	Fresh	D,S	Clay 16;limestone 73. Water at 25 and from 50 to 55.
	J.Salmeliv	"	Oct. 8,1964	6½	1	110	8	Sulphur	D	Sand silt 15;limestone 117. Water at 99.

\* See end of Appendix C for the meanings of abbreviations and symbols.

ESSEX COUNTY - cont.  
Pelee Twp. - cont.

			C.Christie E.Ferguson	W.Marsh & Sons	Oct.20,1964 Oct.26,1964	6½ 6½	2	21	Flows	Fresh	D,S	Clay 1;grey sandstone 44. Dry hole. Clay stones 76;gravel sand 82. Water from 76 to 82.
	35	49	W.Blaichford	"	Aug.18,1965	6½	1	60	8	Sulphur	D	Topsoil stones 1;brown limestone 62. Water at 4. Topsoil stones 2;grey clay 7;grey limestone 64. Water at 37 and from 60 to 64.
Rochester Twp.												
BRE Con I	lot 16	Ont.Dept. of Highways	E.Hernandez	July31,1964	7	12	28	7	Sulphur	P		Topsoil 1;blue clay 110;sand gravel 113;loose limestone 113½. Water from 113 to 113½.
BRE Con VI	" 26	G.Demars	M.Williams	June15,1967	3	50	30		"	In		Clay 103;limestone 105. Water at 105.
BRE Con VI	" 26	R.Pillon	"	Sep. 6,1967	3	20	30	3	"	D,S		Clay 102;hardpan 106;grey limestone 108. Water at 108.
BRE Con VI	" 27	S.Olson	"	July 9,1965	3	33		7	"	D		Blue clay 103;grey limestone 106. Water at 105.
MEN	" 6	L. Tracey	D.Sundin	Jan. 2,1967	4	5	40	8	"	D,S		Yellow clay 6;blue clay 92;fine grey sand 98;gravel fine grey sand 99;grey limestone 101. Water at 101.
MRS	" 3	J.O'Keef	M.Williams	June19,1964	3	16		2	"	D		Blue clay 118;hardpan 120;silty sand 124;grey limestone 126. Water at 126.
Sandwich South Twp.												
Con V	lot 6	D.Esping	G.Sundin	Oct. 3,1967	4	10	30	25	Fresh	D		Black clay 1;clay 85;sand clay 103;coarse sand 108;rock 120. Water at 120.
Con V	" 3	G.Curtis	E.Hernandez	June30,1967	4	10	20	12	Sulphur	D,S		Topsoil 1;yellow clay 16;blue clay 66;sandy clay 85;sand 90; hard grey limestone 93. Water at 92.
Con V	" 13	G.Jessop	Lucier Well Drlg	Sep.25,1964	3	4	70	35	Fresh	D		Topsoil 2;red clay 20;blue clay 110;clay sand 120;hardpan 130;grey shale 135. Water at 135.
Con VI	" 1	J.Lock	E.Hernandez	Sep.27,1966	4	5	35	28	"	D		Topsoil 1;clay 80;hardpan 85;sand 90;limestone 94. Water at 93.
Con VI	" 3	A.Ujj	"	Sep.25,1966	4	5	48	30	"	D		Topsoil 1;clay 85;hardpan 90;sand 96½;limestone 100. Water at 100.
Con VI	" 6	E.Cahill	Lucier Well Drlg.	Sep.12,1964	3	5	45	30	"	D		Topsoil 2;red clay 20;blue clay 110;hardpan 116;soft grey rock 121. Water at 120.
Con VII	" 5	G.O'Neill	E.Hernandez	Sep.16,1966	4	5	50	30	Sulphur	D		Topsoil 1;clay 100;sandy clay 112;hardpan boulders 119;lime- stone 125. Water at 124.
Con VII	" 12	Globe Sheet Metal Co.Ltd.	Johnston Bros.	June18,1965	4	6	50	40	"	In		Yellow clay 6;blue clay 116;sand 121½;shale 122½. Water at 122½.
Con VII	" 13	Windsor Food Terminal	M.Hernandez	Apr. 3,1964	5	10	40	38	"	C		Black loam 2;grey clay 110;hardpan stone 114;grey clay 117; grey shale 122. Water at 122.
Con VII	" 13	Centri-Spray Can. Ltd.	"	Nov. 3,1965	8	25	60	20	Oily	N		Fill 3;grey clay 72;grey limestone 145;dark rock 152. Water at 145.
Con VII	" 13	Altru Align- ment	E.Hernandez	June19,1967	4	5	65	35	Sulphur	In		Fill 3;clay 20;blue clay 109;fine sand 112;hard grey lime- stone 114. Water at 113.
Con VII	" 16	R.Robinson	M.Hernandez	Sep.12,1964	5	6	45	20	Fresh	D		Black loam 2;grey clay 127;hardpan 130. Water at 130.
Con VII	" 16	R.Lajoie	E.Hernandez	Oct.22,1966	4	3	120	28	Sulphur	D,S		Topsoil 1;clay 120;clay streaks sand 133;hardpan 143;quick- sand 153;hard brown limestone 179. Water from 155 to 177.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Sandwich South Twp.-cont.										
Con VII lot 16	S.S. # 1	E.Hernandez	Feb. 4, 1967	4	4	70	40	Sulphur	P	Topsoil 1; clay 80; sand 83; clay 120; clay sand streaks 135; sand 137; hard brown limestone 150. Water at 148.
Con VIII " 2	M. Ballipop	D. Sundin	May 8, 1965	4	5	40	38	Fresh	D	Topsoil 1; yellow clay 10; blue clay 113; grey limestone 117. Water at 117.
Con VIII " 6	G. Gemus	E. Hernandez	Nov. 10, 1966	4	4	75	328	"	D, S	Sand 8; clay 80; sandy clay 88; fine sand 92; hardpan 97; sand 103; limestone 113. Water at 111.
Con VIII " 6	A. Rivait	R. McPherson Drlg.	Aug. 15, 1967	4	40	55	36	"	D	Yellow clay 15; blue clay 85; sand 95; grey limestone 105. Water at 102.
Con VIII " 11	Sandwich South Twp.	Lucier Well Drlg.	May 4, 1965	4	1	80	32	Sulphur	P	Topsoil 2; red clay 20; blue clay 60; sand clay 80; hardpan 103; soft white rock 124. Water from 112 to 124.
Con VIII " 12	H. Riediger	"	June 15, 1964	4	8	50	20	"	D	Topsoil 2; red clay 22; blue clay 80; clay sand 100; sand gravel 106; soft grey rock 109. Water at 109.
Con VIII " 14	G. O'Neil	D. Sundin	May 15, 1967	4	8	45	42	"	S	Topsoil 1; yellow clay 10; blue clay 55; blue clay fine grey sand 75; grey limestone 155. Water from 85 to 153.
Con VIII " 16	H. Robinson	M. Hernandez	Sep. 11, 1964	5	10	125	20	"	N	Black loam 2; grey clay 124; gravel fine sand 138.
Con VIII " 16	J. Shuttleworth	E. Hernandez	May 20, 1966	4	4	60	38	Sulphur	D	Topsoil 1; clay 100; sand clay 120; sand 136; limestone 156. Water at 154.
Con VIII " 16	J. McCaffrey	Lucier Well Drlg.	July 25, 1966	4	5	35	25	"	D	Topsoil 2; red clay 20; blue clay 96; sand 125; hardpan 135; soft grey rock 140. Water from 138 to 140.
Con IX " 1	R. Hartley	E. Hernandez	Feb. 15, 1967	4	5	42	40	"	D	Clay 22; sand 26; blue clay 80; clay sand 105; sand 109; limestone 111. Water at 111.
Con IX " 16	A. Allen	M. Hernandez	Nov. 5, 1964	7	1	80	21	"	N	Black loam 2; red clay 20; running clay 110; hardpan 119. Water at 119.
Con IX " 16	"	Lucier Well Drlg.	Oct. 17, 1964	4				"	N	Topsoil 2; red clay 22; blue clay 70; clay sand gravel 120; hardpan 141; shale 144; soapstone 164; limestone 175.
Con X " 1	F. Izsak	E. Hernandez	Apr. 30, 1966	4	5	50	42	Fresh	D	Topsoil 1; red clay 15; blue clay 80; fine sand clay 112; grey limestone 115. Water from 114 to 115.
Con X " 2	R. Collins	"	Feb. 22, 1967	4	2	90	37	Sulphur	D	Topsoil 1; clay 100; sand 101; limestone 107 1/2. Water at 106.
Con X " 2	L. Jones	"	Mar. 1, 1967	4	4	70	40	Fresh	D	Clay 70; sandy clay 110; coarse gravel shale 112. Water at 112.
Con X " 3	G. Collins	"	June 24, 1967	5	3	95	38	"	D, S	Topsoil 1; yellow clay 18; blue clay 80; sandy clay 90; medium sand 96; hard grey limestone 100. Water from 99 to 100.
Con X " 10	D. Currie	S. Gilbert	May 7, 1964	3				"	"	Yellow clay 20; blue clay 75; fine sand 110. Dry hole.
Con X " 1	"	"	May 8, 1964	3	8	33	28	Fresh	D	Yellow clay 7; blue clay 86; sand 95; coarse sand 105; coarse gravel 110. Water at 110.
Con X " 10	R. Robinson	D. Sundin	June 1, 1967	4	10	30	27	"	D	Yellow clay 15; blue clay 88; grey sand 112; blue clay fine grey sand 116; grey shale gravel 117. Water at 117.
Con X " 10	N. Drouillard	E. Hernandez	July 25, 1967	4	10	40	30	"	D	Topsoil 1; clay 88; sandy clay 98; hardpan boulders 106; sand 108; grey limestone 111. Water at 110.
Con X " 12	G. Lavin	"	Jan. 7, 1967	5	3	140	40	Sulphur	S	Topsoil 1; clay 88; sandy clay 98; hardpan boulders 106; sand 108; grey limestone 111. Water at 110.
Con X " 15	R. Laporte	Lucier Well Drlg.	July 10, 1966	4	1 1/2	160	50	"	D	Topsoil 1; clay 88; sandy clay 98; hardpan boulders 106; sand 108; grey limestone 111. Water at 110.
Con XI " 2	W. Girard	E. Hernandez	Mar. 14, 1967	4	4	70	40	Fresh	D, S	Clay 90; sandy clay 105; sand 109; limestone 114. Water at 113.
Con XI " 3	E. Parough	"	Apr. 18, 1967	4	5	75	40	"	D	Clay 65; sandy clay 98; sand 100; limestone 105. Water at 104.
Con XI " 18	J. Nostad	Lucier Well Drlg.	May 16, 1965	4	10	20	10	Sulphur	D, S	Topsoil 2; red clay 20; blue clay 90; hardpan 118; gravel 120. Water at 120.

\* See end of Appendix C for the meanings of abbreviations and symbols.



ESSEX COUNTY - cont.

Sandwich South Twp. - cont.

Con XII	lot 10	L. Eyraud	E. Hernandez & Sons	Sep. 28, 1967	4	5	150	26	Sulphur	D, S	Clay 55; sand 98; limestone 250. Water from 130 to 235.
Con XII	" 12	J. Gaspar	"	Mar. 28, 1966	4	5	150	26	"	"	128; limestone 163. Water at 159.
Con XII	" 12	"	Johnston Bros.	Jan. 3, 1966							Soft blue clay 140; silty sand boulders 155; stony hardpan 165. Dry hole.
Con XII	" 12	"	"	Jan. 2, 1966							Soft blue clay 140; gravel sand 155; hardpan 165; brown limestone 175. Dry hole.
Talbot Road North	" 293	R. Lemmon	Lucier Well Drlg.	May 28, 1964	4	3	70	30	Sulphur	D	Topsoil 2; red clay 20; blue clay 60; sand 65; blue clay 100; shale 102; sand 104; shale 105; gravel 106. Water at 106.
TRN	" 293	N. Cloutier	"	Dec. 8, 1965	4					N	Topsoil 2; red clay 20; blue clay 80; hardpan 102; sand 104; soft grey rock 110. Dry hole.
TRN	" 293	R. Flood	R. McPherson Drlg.	Aug. 3, 1967	4	10	70	35	Sulphur	D	Topsoil 3; red clay 25; blue clay 85; sand 105; grey limestone 118. Water at 115.
TRN	" 296	G. Leuyer	E. Hernandez	Aug. 4, 1967	4	5	60	25	Fresh	D	Clay 105; sand 116; limestone 120. Water at 118.
TRN	" 300	J. Hebert	Lucier Well Drlg.	June 30, 1965	4	6	60	50	Sulphur	D	Topsoil 2; red clay 20; blue clay 70; sand 72; hardpan 80; soft grey rock 86. Water from 84 to 86.
TRN	" 300	D. Campbell	E. Hernandez	Aug. 18, 1966	4	5	55	36	"	D	Topsoil 1; clay 85; sandy clay 89; brown limestone 96. Water at 95.
TRN	" 301	D. Beer	"	Aug. 13, 1966	4	5	50	27	"	S	Clay 90; sandy clay 104; sand 109; limestone 115. Water at 113.
TRN	" 305	M. Mills	Lucier Well Drlg.	Nov. 14, 1965	4	5	50	40	"	D	Topsoil 2; red clay 20; blue clay 110; hardpan 120; gravel 128. Water from 120 to 128.
TEN	" 306	A. Mitchell	E. Hernandez	Oct. 11, 1967	4	5	45	28	"	D	Topsoil 1; clay 90; sand gravel 111; limestone 115. Water at 113.
Talbot Road South	" 293	O. Bellaire	"	Feb. 19, 1966	4	4	60	24	"	D	Topsoil 1; clay 66; sand 72; clay 109; gravel 115; limestone 125. Water at 122.
TRS	" 293	M. Collins	"	Feb. 8, 1966	4	4	60	35	"	D	Topsoil 1; clay 66; sand 72; clay 109; gravel 115; limestone 145. Water at 142.
TRS	" 283	P. Melnik	"	June 11, 1966	4	4	65	40	"	D	Previously drilled 116; grey limestone 130. Water from 126 to 128.
TRS	" 293	T. Vanderaa	Lucier Well Drlg.	May 23, 1965	4	5	60	40	"	D	Topsoil 2; red clay 20; blue clay 80; clay sand 110; sand gravel 118; soft grey rock 122. Water from 120 to 122.
TRS	" 293	F. Melnik	"	Aug. 12, 1965	4	3	70	40	"	D	Topsoil 2; red clay 20; blue clay 100; hardpan 118; shale 120. Water at 120.
TRS	" 293	G. Markham	E. Hernandez	Aug. 6, 1966	4	5	55	40	"	D	Topsoil 1; clay 60; sand clay 65; blue clay 100; sand clay 116; light grey limestone 129; dark grey limestone 131. Water at 120 and 129.
TRS	" 294	P. Wagner	W. Hernandez	Aug. 9, 1964	4	3	35	25	"	D	Loam 1; red clay 18; blue clay 55; hardpan 60; sand 63; blue clay 87; brown limestone 95. Water at 95.
TRS	" 294	M. Webster	E. Hernandez	Aug. 10, 1967	4	5	60	25	"	D	Clay 105; sand 116; limestone 120. Water at 118.
TRS	" 298	V. Brown	D. Sundin	Nov. 26, 1966	4	5	34	34	"	D	Topsoil fill 2; yellow clay 12; blue clay 55; blue clay fine grey sand 75; blue clay 104; grey limestone 110. Water from 108 to 110.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Sandwich west Twp. Con I PC lot 6	V.Spitalsky	S.Hutchins	May 5, 1967	3	4	25	10	Sulphur	D	Clay 4; black muck 10; blue clay 58; sand 59; limestone 68. Water at 67.
Con I PC " 22	Essex Golf & Country Club	M.Hernandez	Aug. 23, 1964	8	96	28	10	"	Ir	Black soil 2; yellow sandy soil 5; grey clay 85; hardpan 96; white limestone 101. Water at 101.
Con IV PC " 2	H.Laitre	Gilbert Well Drlg	Jan. 13, 1964	3	10	29	15	"	D	Blue clay 75; clay gravel 86; blue clay 94; coarse sand 101; fine sand 110; soft grey limestone 124. Water at 124.
Con IV PC " 6	W.Heaton	D.Sundin	Sep. 4, 1964	4	6	25	10	"	D	Black topsoil 1; yellow clay 12; blue clay 80; fine grey sand 83; grey shale sand 84. Water at 84.
Con IV PC " 6	"	M.Hernandez	Mar. 8, 1966	4	7	50	6	"	D	Black clay loam 2; grey clay 65; hardpan 71; sharp sand 78. Water from 72 to 78.
Tilbury West Twp. Con X lot 2	L.Gagnier	M.Williams	Sep. 11, 1964	3	30	30	12	Sulphur	D,S	Clay 97; grey limestone 100. Water at 98.
Con X " 5	E.Gagneau	"	Sep. 15, 1965	3	33	40	10	"	D,S	Clay 90; hardpan gravel 95; shale 96. Water at 92 and from 95 to 96.
Con X " 6	T.Trusky	"	June 29, 1967	3	25	35	19	"	D,S	Clay 108; hardpan 112; limestone 116. Water at 116.
Con X " 11	E.Waites	"	Oct. 14, 1964	3	33	30	15	"	D	Clay 142; hardpan 144; grey shale 145. Water at 144.
Con XI " 2	St.Claire Feeds	"	Sep. 1, 1964	3	33	30	12	"	C	Clay 95; hardpan 102; grey limestone 104. Water at 95.
Con XI " 8	R. Tellier	"	Jan. 3, 1966	3	30	40	21	"	D,S	Clay 110; hardpan 115; limestone 120. Water at 120.
Con XI " 13	G.Willan	"	Oct. 4, 1964	3	3	60	30	"	D	Clay 140; hardpan 145; fine sand 145. Water at 145.
Con XI " 11	R.Johnson	"	Sep. 20, 1965	3	15		18	"	P	Blue clay 131; hardpan 132; streak fine sand 132; soapstone 137.
MEN " 11	"	"	Sep. 8, 1965	3						Clay 132; hardpan 134; soapstone 145. Dry hole.
MRS " 4	F.Buchanan	"	Sep. 7, 1965	3	33	50	30	Sulphur	D,S	Clay 126; hardpan 129; grey limestone 132. Water at 132.
Windsor City Con V lot 12	W.Jessop	Lucier Well Drlg.	Apr. 25, 1966	4	5	45	25	Sulphur	D	Topsoil 2; red clay 20; blue clay 90; sand clay 125; sand 131; silt rock 140. Water at 135.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY Artemesia Twp. Con IV lot 4	B. Payne	Durham Drilling	Feb. 11, 1964	4	10	110	65	Fresh	D, S	Topsoil 2; clay 25; sand 30; clay 70; sand 75; clay 90; sand 105; clay 160; sand clay 195; grey rock 260. Water from 203 to 260.
Con VIII	34 R. Law	A. Loucks	July 7, 1966	5	14	40	30	"	D	Clay gravel boulders 41; limestone 85. Water from 75 to 85.
Con IX	26 V. Dutchmensky	Durham Drilling	May 5, 1966	4	10	40	35	"	D, S	Topsoil 2; hardpan boulders 63; hard grey limestone 100. Water from 95 to 100.
Con IX	26 L. Warlow	Pratt's Well Drlg.	Sep. 10, 1966	4	8	42	40	"	D	Clay stones 35; brown limestone 90. Water at 90.
Con IX	27 W. Dudley	K. Mighton & Sons	Apr. 17, 1967	4	5	50	20	"	D	Topsoil 1; brown clay 20; clay gravel sand 25; white shale 27; brown limestone 80; white limestone 88; bluish limestone 91. Water at 40, 80 and 91.
Con IX	28 A. Gammon	Pratt's Well Drlg.	July 1, 1965	4	7	10	10	Fresh	D	Clay boulders 12; brown limestone 43. Water at 43.
Con X	18 K. Pearce	A. Loucks	Dec. 8, 1966	4	20	35	25	"	D	Stones gravel 40; broken limestone 55; limestone 73. Water from 65 to 73.
Con X	23 Beaver Valley Fishing Club	Durham Drlg. & Enterprises Ltd.	Mar. 24, 1964	4	3	130	90	Salty	N	Topsoil 1; coarse gravel 25; blue clay 140; quicksand 190; fine sand 205; clay 230; blue shale 362. Water at 330.
Con X	26 D. Campbell	"	Dec. 21, 1966	4	7	82	72	Fresh	D	Topsoil 1; hardpan boulders 35; sand gravel 47; hard brown limestone 110. Water from 95 to 110.
Con X	26 J. Cairns	D. Sewell	Apr. 10, 1967	4	10	75	33	"	D	Topsoil 2; stony gravel till 34; limestone 80. Water from 64 to 70.
Con X	26 V. McKenzie	Durham Drlg.	July 27, 1967	4	10	56	27	"	D	Topsoil 1; gravel stones 27; grey limestone 92. Water from 80 to 92.
Con X	26 F. Sedore	Pratt's Well Drlg.	July 8, 1965	4	6 1/2	28	22	"	D	Clay boulders 7; brown limestone 54. Water at 54.
Con X	27 C. Magee	Durham Drlg.	May 27, 1965	4	12	38	34	"	D	Topsoil 1; hardpan boulders 27; hard white limestone 72. Water from 65 to 72.
Con X	28 A. Hills	Pratt's Well Drlg.	Aug. 13, 1964	4	7	18	18	"	D	Stony hardpan 26; cream limestone 74. Water from 52 to 64.
Con X	31 A. Teeter	Durham Drlg.	Aug. 4, 1967	4	10	55	5	"	D	Topsoil 2; sand clay 24; clay gravel 40; hardpan 45; soft shale 63; grey limestone 103. Water from 90 to 103.
Con X	34 W. Pratt	Pratt's Well Drlg.	Mar. 31, 1966	4	10	16	15	"	D	Clay stones 22; brown limestone 45. Water at 43.
Con XI	25 R. Middleton	K. Mighton & Sons	Dec. 28, 1966	4	5	105	85	"	D	Topsoil 1; hard stony clay 45; white limestone 55; grey clay 60; white limestone 75; brown clay 80; brown limestone 125; blue shale 152; soft blue shale 162. Water at 120, 127 and 161.
Con XI	27 Dr. D. Milne	Pratt's Well Drlg.	May 14, 1966	4	8	49	48	"	D	Clay large boulders 72; sand 88; cream coloured limestone 108. Water at 108.
Con XI	27 A. Wilson	Durham Drlg.	Dec. 13, 1966	4	10	110	100	"	D	Fill 3; clay boulders 20; hardpan 68; gravel clay 77; medium hard yellow grey rock 163. Water from 155 to 163.
Con XII	18 R. Long	A. Loucks	June 17, 1966	5	14	15	10	"	D, S	Clay stones 35; limestone 55. Water from 50 to 55.
Con XII	36	Pratt's Well Drlg.	Aug. 5, 1966	4	8	15	14	"	D	Clay boulders 25; cream coloured limestone 68. Water at 68.
Con XIII	22 A. Millan	Pratt Bros.	Nov. 24, 1964	4				"		Red clay 5; white limestone 45; open crevice yellow sand 48. Dry hole.
Con XIII	22	"	Nov. 19, 1964	4				"		Red clay 5; white limestone 60; dark blue limestone 71; blue shale 78. Dry hole.
Con XIII	31 J. Dillen	D. Sewell	June 11, 1967	4	5	80	50	Fresh	D	Topsoil 1; gravelly clay boulders 22; gravel till 33; rubble rock 36; limestone 85. Water from 65 to 85.
Con XIII	36 J. Follett	Durham Drlg.	Sep. 14, 1967	4	20	15	12	"	D	Topsoil stones 18; white limestone 75. Water at 70.
Con XIV	21 R. Long	K. Mighton & Son	Nov. 7, 1964	4	10	65	50	"	D, S	Open hole 17; stony clay 25; brown limestone 40; white limestone 88; brown limestone 101. Water from 88 to 101.
Con XIV	22 Dr. G. Knight	M. Bellerby	May 15, 1964	5	6	30	25	"	D	Stony clay 11; white limestone 75. Water from 70 to 75.
Con XIV	22 J. Covin	Durham Drlg.	June 8, 1964	4	8	62	60	"	D	Topsoil 4; white limestone 30; hard brown limestone 79. Water from 70 to 80.

## GREY COUNTY - cont.

Artemesia Twp. - cont.

Con XIV	lot 22	F. Pepler	Pratt Well Drlg.	Dec. 12, 1965	5	2	108	67	Fresh	D	Clay 9; white limestone 112. Water at 112.
Con XIV	" 22	Dr. G. Knight	"	Oct. 20, 1965		1 1/2	82	60	"	D	Old drilled well 72; white limestone 86. Water at 82.
Con XIV	" 28	H. Bartenbach	D. Sewell	July 19, 1966		"	"	"	"	"	Shale brown clay 1; loose limestone 7; white limestone 115; brown limestone 128; blue shale 135; brown shale 141; silt clay shale 150. Water from 120 to 128 and from 137 to 141.
DRN Con I	" 1	M. Smart	Durham Drilling	Apr. 30, 1965	4	15	35	16	"	D	Topsoil 3; hardpan boulders 30; sandy clay 60; sand 100; gravel sand 114. Water at 110 and 114.
DRN Con I	" 22	J. Meads	"	Apr. 17, 1967	4	15	40	25	"	D, S	Topsoil 1; sand clay boulders 30; sand boulders 42; hardpan 65; clay 153; hard white rock 206. Water from 200 to 206.
DRN Con I	" 30	D. Sinclair	Pratt Well Drlg.	Feb. 14, 1966	4	7	19	18	"	D	Gravel 30; sand 64; grey hardpan 69; gravel 70. Water from 69 to 70.
DRN Con I	" 77	J. Brown	"	Jan. 6, 1965	4	6 1/2	31	11	"	D, S	Gravel 8; clay stones 55; brown limestone 64; white limestone 156. Water at 64 and 156.
DRN Con II	" 1	E. Burnett	Pratt Bros.	June 4, 1964	4	7	49	43	"	D, S	Gravel 30; blue clay 60; clay hardpan 186; grey hardpan 208; brown shaly rock 255. Water at 255.
DRN Con II	" 8	A. Watts	K. Mighton & Son	Dec. 21, 1966	4	5	80	36	"	D, S	Topsoil 1; stony clay 48; hardpan 53; sandy clay 109; grey shale 116; white limestone 145. Water from 125 to 145.
DRN Con II	" 79	G. Blakey	G. Blakey	Nov. 4, 1967	4	2		36	"	D	Clay gravel 8; white clay 47; gravel 51. Water at 47.
DRN Con III	" 76	A. McKenzie	"	Nov. 4, 1965	4	6	42	40	"	D, S	Stones clay 40; quicksand coarse gravel 60; grey rock 63. Water at 61.
DRS Con I	" 1	Priceville Community Centre	Pratt Bros.	July 31, 1964	4	7	49	48	"	P	Clay stones 55; grey hardpan 150; gravel 151. Water at 151.
DRS Con I	" 3	F. Oliver	Durham Drlg.	Sep. 17, 1967	4	15	55	48	"	D	Topsoil 3; clay boulders 20; sandy clay 50; gravelly clay 110; clay boulders 150; sand gravel 200; gravel 201. Water from 160 to 202.
DRS Con I	" 5	Hewgill-Denson Lumber Co.	Pratt Bros.	Sep. 29, 1964	4	9	23	12	"	In	Clay stones 42; hardpan layers quicksand 102; brown limestone 134. Water at 134.
DRS Con I	" 11	B. Davidge	Durham Drlg.	Oct. 26, 1967	4	15	44	26	"	D	Topsoil 1; clay boulders 26; hardpan layers brown sand 151; hard brown rock 168. Water from 160 to 168.
DRS Con I	" 19	A. Watters	"	Nov. 25, 1964	4	15	35	25	"	D, S	Topsoil 3; sandy clay 20; gravel boulders 70; grey clay 100; quicksand 160; sand 165; grey rock 184. Water from 170 to 184.
DRS Con I	" 20	C. Catcher	"	Mar. 30, 1965	4	10	70	48	"	D	Topsoil 3; boulders 25; hardpan 75; hardpan boulders 125; sand gravel 160; boulders hardpan 165; gravel 171; brown limestone 212. Water at 212.
DRS Con I	" 79	T. O'Sullivan	"	Nov. 15, 1967	4	10	40	14	"	D, S	Topsoil 1; hardpan stone 60; hard brown rock 94. Water from 90 to 94.
SRE Con I	" 93	E. Drone	"	June 4, 1964	4	10	36	35	"	D, S	Open hole 44; hard stony gravel 50; sand gravel 60; cemented gravel 75; fine gravel 80; sand 105; grey rock 140. Water from 132 to 138.
SRE Con I	" 174	A. Archibald	D. Sewell	June 10, 1965	5	15	16	12	"	D	Topsoil 2; clay boulders 18; red sand 30; silty sand 70; silty clay 90; shattered yellow rock 100; grey limestone 112. Water at 111.
SRE Con II	" 143	L. Thompson	Durham Drlg.	Oct. 12, 1967	4	12	32	30	"	D	Open hole 40; sand gravel 50; red shale 52; gravel boulders 55; brown shale 65. Water from 62 to 65.
SRE Con II	" 150	D. Pawcett	"	June 10, 1964	4	18	24	16	"	D	Gravel boulders 24; gravel clay 40; boulders gravel 66; grey rock 70; brown rock 82. Water from 75 to 80.
SRE Con II	" 170	K. Allen	Pratt Well Drlg.	Dec. 16, 1965	5	18	69	67	"	D, S	Sand 15; clay 40; blue silt 90; quicksand 123; hardpan 165; cream coloured soft rock 175; white limestone 200. Water at 168 and 198.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY Cont. Artemesia Twp. cont. Sydenham Road West SRW Con I lot 162	A.Langer	K.Mighton & Son	Aug.15,1966	7	20	40	30	Fresh	S	Hard grey clay large stones 20;gravelly clay 55;sandy clay 100; hard clay 110;clay shale ridges 120;hard grey limestone 130. Water from 122 to 130.
SRW Con I " 163	"	Durham Drlg.	Oct.29,1964	7	35	30	6	"	D,S	Topsoil 3;gravel boulders 30;sandy clay 100;sand 110;grey rock 118. Water from 110 to 118.
SRW Con I " 194	E.Husar	"	Sep.14,1964	4	15	35	30	"	D,S	Gravel rock 20;sand gravel 71;rock 95. Water from 80 to 95.
SRW Con II " 151	H.Best	Pratt Well Drlg.	Aug.30,1965	4	8	19	18	"	D,S	Clay stones 25;clay silt 70;brown limestone 78. Water at 78.
SRW Con II " 190	P.Rill	Pratt Bros.	July15,1964	4	6	34	3	"	D	Clay 9;hardpan 60;creamy limestone 62. Water at 62.
SRW Con III " 150	E.Tyler	K.Mighton & Sons	Oct.14,1966	4	14	85	78	"	D	Topsoil 1;sand clay ridge hardpan gravel 105;cemented gravel 109;hardpan 113;gravel 114. Water from 113 to 114.
SRW Con III " 170	M.Lukianchuk	Pratt Well Drlg.	June13,1966	4	7	55	14	"	D,S	Clay stone 35;blue clay 96;brown shaly rock 144. Water at 144.
Bentinck Twp. Con IV lot 36	W.Runge	Durham Drlg.	Aug.24,1967	4	15	35	32	Fresh	D	Topsoil 1;gravel 20;stones gravel 38;white limestone 76. Water from 70 to 76.
Con V " 1	E.Monk	E.Keeso	Oct.13,1964	4	12	58	52	"	D,S	Dug well 38;sandy clay 42;sand 134;fine gravel 179;blue limestone 196. Water at 194 to 196.
Con V " 27	L.Dickinson	Durham Drlg.	July28,1966	4	16	10	4	"	D	Topsoil stones 1;stony hardpan 12;hard grey limestone 46. Water from 40 to 46.
Con V " 30	R.Hopkins	"	June23,1964	4	10	29	19	"	D,S	Open hole 20;sand fine gravel 35;grey rock 88. Water at 45, 60 and 85.
Con VI " 1	A. Monk	E.Keeso	Dec. 5,1964	4	15	52	48	"	D,S	Soft clay boulders 38;sandy clay 150;coarse gravel boulders 184;hardpan 226;blue shale 236;blue limestone 254. Water from 250 to 254.
Con VI " 4	E.Penfold	Durham Drlg.	Jan.27,1964	4	12	40	32	"	D,S	Open hole 24;gravel 34;clay 38;quicksand 90;clay 110;gravel 122;quicksand 140;clay 152;gravel 170;blue shale 176. Water from 170 to 176.
Con VI " 24	C.McDonald	K.Mighton & Son	Nov.13,1964	4	14	42	37	"	D,S	Topsoil 2;stony clay 20;sandy clay 84;sand gravel 85;brown limestone 96. Water from 84 to 85 and from 86 to 96.
Con VI " 25	Bentinck Baptist Church	Durham Drlg.	Apr.24,1965	4	15	48	35	"	D	Topsoil 3;brown sandy clay 30;boulders clay 45;grey sandy clay 70;sand boulders 85;hard brown rock 92. Water from 85 to 92.
Con VII " 19	"	"	Dec.28,1964	4	12	50	20	"	D,S	Topsoil 3;sand 20;soft grey clay 80;fine grey sand 90;dark grey rock 140;light grey rock 149. Water from 140 to 149.
Con VII " 22	M.Brown	K.Mighton	Oct.14,1965	4	14	60	43	"	D,S	Topsoil 1;gravel sand clay 8;fine gravel sand 92;white limestone 94;brown limestone 111. Water from 94 to 111.
Con VII " 25	C.Adlan	"	Nov.18,1964	4	9	65	60	"	D,S	Topsoil 2;clay stones 30;hardpan 67;brown limestone 110. Water from 90 to 110.
Con IX " 6	E.Monk	E.Keeso	Dec. 7,1964	4	15	59	51	"	D,S	Coarse gravel 6;hardpan boulders 72;fine gravel sand 149;hard brown rock 153. Water from 149 to 153.
Con X " 1	B.Brunner	Durham Drlg.	Feb. 8,1964	4	20	10	10	"	C	Gravel 20;clay 60;sand 75;quicksand 95;blue shale 100. Water at 100.
Con X " 1	A.Long	E.Keeso	Dec.22,1964	4	15	38	36	"	D	Dug well 18;soft clay stones 60;hardpan 98;blue limestone 116 hard brown limestone 134. Water from 130 to 134.
Con X " 13	E.Jank	Durham Drlg.	Feb.13,1964	4	10	87	75	"	D,S	Open hole 45;coarse gravel 120;sand 123;white limestone 209. Water at 205.

## GREY COUNTY - cont.

Bentinck Twp. - cont.

Con X	lot 25	C. Campbell	Durham Drlg.	July 20, 1967	4	20	17	14	Fresh	D	Gravel stones 40; gravel clay 53; sand 56; dark brown rock 75. Water from 70 to 75.
Con XI	" 1	A. Schaab	Pratt Bros.	Jan. 30, 1964	4	7	28	27	"	D	Old well 26; clay stones 65; hardpan 110; black limestone 147. Water at 147.
Con XI	" 1	J. Ringel	K. Mighton & Son	Aug. 22, 1964	4	5	35	33	"	D	Topsoil 1; sand 45; gravel 85; sandy clay 90; sand 102; grey rock 140; brown rock 147. Water from 141 to 147.
Con XI	" 1	P. Warner	Durham Drlg.	Dec. 13, 1967	4	10	12	16	"	D	Old dug well 15; gravel boulders 60; grey clay 100; blue shale 104; hard blue rock 130; brown shale 135. Water from 130 to 135.
Con XII	" 21	C. Shorney	"	Aug. 5, 1964	4	20	25	25	"	D	Hardpan boulders 25; pink clay 85; sand 110; grey limestone 125. Water from 120 to 125.
Con XII	" 28	M. Sherk	"	May 8, 1964	4	30	16	15	"	D,S	Open hole 20; clay 45; sand 60; shale 62; coarse gravel 63. Water from 62 to 63.
Con XII	" 29	"	"	May 4, 1964	4	25	28	15	"	D,S	Topsoil 2; fill 5; sand gravel 20; grey hard rock 49. Water at 40.
Con XIII	" 1	A. Rier	"	Aug. 4, 1966	4	20	15	6	"	D,S	Topsoil 1; grey clay 60; clay stones 105; blue shale 125; hard grey rock 145. Water from 135 to 145.
Con XIV	" 20	E. Bagley	"	May 22, 1964	4	20	20	20	"	D,S	Topsoil 1; hardpan boulders 40; sand gravel 65; brown rock 78. Water from 70 to 78.
DRN Con I	" 10	Argosy Carriers	"	July 25, 1964	4	20	30	30	"	C	Topsoil 2; fine sand 60; blue clay 80; quicksand 105; blue clay stones 122; shale 130; hard brown rock 133. Water from 120 to 133.
DRN Con I	" 10	Hanover PUC.	International Water Supply	Apr. 15, 1967							Topsoil 1; sandy clay 4; stiff dark grey clay 29; clay gravel 43; soft shale 69; soft brown limestone 77; hard limestone 78. Dry hole.
DRN Con I	" 47	R. Bartman	"	Dec. 10, 1964	4	9	65	55	"	D,S	Topsoil 1; large stones clay 25; sandy clay 40; grey sand 45; grey sandy clay 100; gravelly clay large stones 150; cemented gravel 162; quicksand 175; stony clay 200; fine sand 204; brown limestone 228; white limestone 248. Water from 240 to 248.
DRN Con II	" 56	W. Hessel	Pratt Bros.	July 6, 1964	4	6	49	47	"	D,S	Gravel 10; sand 60; hardpan 62; gravel 63. Water at 63.
DRN Con III	" 4	Hanover PUC.	International Water Supply Ltd.	Apr. 26, 1967						T	Topsoil 1; sandy loam 3; fine sand silt 18; fine sand gravel 30; gravel sand sandy clay cemented streaks 47; sand coarse gravel clay very hard cemented streaks 110; very hard limestone 111. Dry hole.
DRN Con III	" 10	"	"	Apr. 28, 1967						T	Topsoil 1; coarse sand 15; coarse fine sand fine gravel 51; soft clay sand some gravel 83; fine sand sandy clay 142; gravel sand clay shale lightly cemented 163; limestone. Dry hole.
DRN Con III	" 26	H. Dogpner	Durham Drlg.	Oct. 6, 1967	4	15	65	50	Fresh	S	Clay boulders 50; sandy clay 75; quicksand 100; sand gravel 125; silt sand 145; fine gravel 148. Water from 145 to 148.
DRS Con I	" 5	Hanover PUC	International Water Supply Ltd.	Apr. 19, 1967						T	Topsoil 1; sandy clay 5; stiff sticky clay 31; soft clay 43; clay gravel cemented streaks 54; gravel clay lightly cemented 61; shale 67. Dry hole.
DRS Con I	" 11	"	"	Apr. 13, 1967						T	Topsoil 2; gravel sand 7; clay streaks with gravel 28; fine gravel sandy clay 35; fine sand 54; medium gravel clay cemented streaks 75; fine gravel clay cemented streaks 115. Dry hole.
DRS Con I	" 16	H. Galbraith	Durham Drlg.	Jan. 20, 1967	4	15	20	Flows	Fresh	D	Open hole 18; brown clay 60; sand 70; gravel 73. Water from 70 to 73.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Bentinck Twp. - cont.										
DRS Con I " 26	B.Hamilton	K.Mighton & Son	Feb.11,1967	4	4	75	50	"	D	Sandy clay 40;hardpan clay 100;gravelly clay 120;dirty gravel 125;running clay coarse sand 128;hardpan red shale 160;grey limestone 200. Water at 180, 180 and 200.
DRS Con I " 40	I. Park	"	Sep.28,1966	4	5	30	25	"	D	Topsoil 1;gravelly clay 1-2 large stones 48;hardpan stones 50; hardpan 52;cemented gravel 55. Water from 52 to 55.
DRS Con I " 41	D.McCallum	Pratt Well Drlg.	Nov.13,1965	4	7	43	41	"	D	Sand gravel 50;hardpan 66;gravel 68. Water at 68.
DRS Con I " 41	A.Park	K.Mighton & Son	Oct.28,1966	4	5	55	30	"	D	Topsoil 1;large stones clay 24;gravelly clay hardpan 56;sandy clay 62;shale cemented gravel 72. Water from 65 to 72.
DRS Con I " 59	A.Hunt	"	Nov.19,1966	4	10	20	6	"	D	Topsoil 1;gravel clay 20;sandy clay 39;coarse sand 40;gravel. Water at 40.
DRS Con I " 61	R.Brigham	"	Jan. 3,1966	4	7	35	20	"	C	Sand 10;sand clay ridges 46;sand 49. Water from 46 to 49.
DRS Con I " 61	R.Mighton	"	Jan. 4,1966	4	9	12	8	"	D	Topsoil 1;sand 8;soft clay 17;hardpan 21;sand gravel 22. Water from 21 to 22.
DRS Con I " 61	T.Cachia	K.Mighton & Son	Jan. 7,1966	4	14	33	32	"	D	Topsoil 1;sand gravel 11;sandy clay gravel 25;hard clay 33; sandy clay 49;hardpan 50;coarse sand 53. Water from 50 to 53.
DRS Con II " 2	Horizon Turkey Ltd.	E.Keeso	Mar.17,1966	7	10	42	Flows	Sulphur	S	Gravel 8;gravel clay 34;clay 57;blue limestone shale 67;blue limestone 131;grey blue limestone 132. Water from 129 to 131.
GRW Con I " 1	L.Currah	Pratt Well Drlg.	July15,1965	4	7 1/2	10	9	Fresh	D	Clay stones 9;brown limestone 32. Water at 32.
GRW Con I " 4	F.Franklin	D.Wright	July13,1966	5	8		Flows	"	D	Clay gravel boulders 37;brown limestone 45;bluish white limestone 65. Water at 60.
GRW Con I " 6	D.MacArthur	Pratt Well Drlg.	July21,1965	4	6 1/2	33	32	"	D	Clay boulders 47;brown limestone 58. Water at 54.
GRW Con I " 8	C.Matheson	Pratt Bros.	Feb. 8,1964	4	6	65	50	"	D,S	Clay 8;clay sand boulders 44;hardpan 85;brown limestone 100. Water at 100.
GRW Con I " 28	A.McGillivray	Durham Drlg.	Dec.29,1967	4	15	44	40	"	D	Gravel stones 10;sand 28;sand clay 66;brown limestone 88. Water from 80 to 88.
GRW Con I " 30	L.Marted	"	Apr. 7,1967	4	20	25	16	"	D	Topsoil 1;sand gravel 42;gravel stones 50;gravel sand 52; hard grey limestone 91. Water from 80 to 91.
GRW Con II " 44	R.Johnston	"	Apr.30,1964	4	15	20	20	"	D,S	Topsoil 1;hard stony gravel 20;gravel boulders 35;hard brown rock 60. Water from 50 to 60.
GRW Con II " 52	A.Schenk	"	Dec.22,1964	4	18	35	28	"	D,S	Gravel 30;sandy clay 65;white marl 72;hard grey rock 108. Water from 90 to 108.
GRW Con III " 15	B.Campbell	Pratt Well Drlg.	May 26,1965	4	7	62	55	"	D,S	Clay stones 27;hardpan layers quicksand 97;white limestone 130 Water at 130.
GRW Con III " 23	B.Campbell	Durham Drlg.	July14,1967	4	10	72	Flows	"	D,S	Topsoil 1;gravel clay 45;brown hardpan 82;brown rock 127. Water from 110 to 127.
GRW Con III " 32	E.Klink	"	Nov.10,1966	4	10	60	44	"	D,S	Topsoil 1;hardpan stones 32;hardpan 102;sand 135;hard white rock 175. Water from 165 to 175.
GRW Con III " 48	A.Hopkins	Pratt Bros.	Sep. 7,1964	4	7	40	32	"	D,S	Gravel 12;hardpan 43;white limestone 147. Water at 58 and 142
Chatsworth Village										
	T.DeJong	A.Loucks	Feb. 7,1964	4	6	27	12 1/2	Fresh	D	Sandy clay 16;stony clay gravel 28;gravel 33;brown limestone 55. Water from 48 to 55.
	M.McKay	"	Apr. 3,1964	4	12	30	20	"	D	Gravel boulders 41;brown limestone 43. Water at 42.
	R.Specht	"	Aug. 6,1964	4	15	18	10	"	D	Gravel boulders 31;limestone 41. Water from 31 to 41.



GREY COUNTY - cont.  
Chatsworth Village -

cont.		Bell Telephone Co.	D.Wright & Sons	Dec.22,1964	5	5	45	7	"	"	Gravel boulders 42;grey limestone 104. Water at 70 and 97.
		T.Farren	A.Loucks	June 15, 1966	4	15	20	15	"	D	Clay boulders 38;limestone 45. Water at 70 and 97.
		C.Nelson	"	Sep. 2, 1965	5	15	15	8	"	D	Clay gravel 29;limestone 50. Water from 45 to 50.
		J.Dudgeon	"	Nov. 5, 1965	5	10	30	25	"	D	Gravel boulders 38;brown limestone 57. Water from 50 to 57.
		M.Wilson	D.Wright	Sep. 8, 1966	5	8	19	18	"	D	Gravel 24;grey limestone 76. Water at 70.
		K.Batten	A.Loucks	Aug. 3, 1965	4	12	45	36	"	D	Clay gravel 22;limestone 63. Water from 55 to 63.
		T.Fraser	"	Aug. 26, 1965	5	15	18	15	"	D	Clay stones 25;yellow brown limestone 40. Water from 30 to 40.
		P.Wheildon	"	Aug. 5, 1965	5	12	20	15	"	D	Gravel stones 22;broken limestone 32;limestone 35. Water from 32 to 35.
Collingwood Twp.											
Con I	lot 9	C.Laweststjerna	G.Hart & Sons	Jan. 3, 1964	6½	1	63	13	Salty	D	Brown topsoil 5;blue clay boulders 210;black shale 275. Water at 63.
Con I	" 20	Beck, Fergusson & Lount	K.Mighton & Son	May 22, 1965	4	10	20	12	Fresh	D	Fill 5;sand 15;hardpan gravel 25;hard white limestone 33. Water from 30 to 33.
Con I	" 20	E.Alexander	C.Bartley	Aug. 24, 1967	4	3	20	13	"	P	Fine sand 15;blue clay 33;limestone 43. Water from 35 to 40.
Con I	" 20	E.Rolling	F.Wright & Son	July 11, 1967	4	½	39	5	"	D	Sand 6;sandy clay stones 17;dark shale 23;dark limestone 39. Water at 28.
Con I	" 20	J.Hamstra	D.Sewell	Oct. 31, 1967	5	10	25	18	Sulphur	D	Sand 9;soft clay 26;hard clay 28;grey shale 38. Water from 33 to 38.
Con I	" 21	Crippled Children's Camp	C.Bartley	Aug. 19, 1964	5		9½	9½	Fresh	P	Sand 18;hardpan 19;limestone 46. Water at 40.
Con I	" 21	"	"	Sep. 5, 1964	4	45	18	9½	"	P	Fine sand 18;hardpan 19;limestone 51. Water at 40.
Con I	" 21	J.Pressick	D.Sewell	Aug. 13, 1966	4	8	18	7	"	D	Dug well 2;sand 10;silty clay 18;sandy gravel 22;rock 24. Water from 18 to 22.
Con I	" 21	E.Wilson	"	Aug. 16, 1966	4	10	18	7	"	D	Sand 2;silty sand 10;soft clay 18;sand gravel 21;rock 24. Water from 10, 18 to 21, and 22 to 24.
Con I	" 21	G.Moore	F.Wright & Son	Sep. 13, 1966	4	3	19	4	Sulphur	D	Sand gravel 5;dark shale 11;dark black limestone 31. Water from 20 to 31.
Con I	" 21	F.Freaks	T.Nimmo	Aug. 18, 1966	4	15	2	2	Fresh	D	Topsoil 2;blue clay 10;limestone 46. Water at 46.
Con I	" 21	W.Schneider	F.Wright & Son	Apr. 8, 1967	4	3	8	2	Sulphur	D	Gravel clay stones 7;shaly black limestone 11;black limestone 32. Water from 26 to 32.
Con I	" 21	J.Gellatly	"	Dec. 4, 1967	4	5	12	3	Fresh	D	Topsoil 1;sandy clay stones 14;dark shale clay 21;bedrock 37½. Water at 37.
Con I	" 21	R.Newman	"	Dec. 10, 1967	4	10	8	6½	"	D	Topsoil 1;sandy clay stones 14;dark shale clay 21;bedrock 37½. Water at 37.
Con II	" 10	Dr. P.Dewar	A.Loucks	Sep. 23, 1965	5	4	100	85	"	D	Dug well 27;boulders gravel 63;grey shale 105. Water from 95 to 105.
Con II	" 21	E.McLean	F.Wright & Son	Aug. 28, 1964	4	2	23	6½	"	D	Sandy clay boulders 12;dark limestone 24½. Water at 24½.
Con II	" 21	B.Davis	T.Nimmo	Aug. 22, 1966	4	20	2	2	"	D	Topsoil 2;blue clay 7;quicksand 9;hardpan 10;limestone 60. Water at 20 and 58.
Con II	" 22	J.Goodchild	F.Wright & Son	Apr. 20, 1964	4	3	9	7	"	D	Gravelly soil 4;shale 12;dark limestone 18½. Water at 18½.
Con II	" 22	C.Zutter	"	Oct. 1, 1964	4	3	17	9½	"	D	Sand fill 4;sandy clay stones 11;shale strips 14;dark limestone 24½. Water at 23.
Con II	" 22	J.Butterill	A.Loucks	May 26, 1965	7	1	45	5	"	D	Clay stones 4;hard limestone 48. Water from 20 to 48.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1965 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.											
Collingwood Twp. - cont.											
Con III	lot 15	J.Cox	D.Sewell	Aug.31,1966	4						Brown clay 4;stony red clay 34;brown clay 37;grey limestone 71; soft blue shale 80;red soft shale 107;greenish blue shale 115. Dry hole.
Con III	" 21	J.Mackay	Both Well Digging	May 30,1967	30	2		15	Fresh	D	Brown stony clay 20;grey clay 30;shale 38. Water at 15.
Con III	" 21	M.Matyas	F.Wright & Son	Dec.18,1966	4	5	14	7	"	D	Gravel boulders 5;shale 6;dark limestone 34. Water from 32 to 34.
Con III	" 23	Canadian ceramics Craft	K.Mighton & Son	Dec.13,1965	4	1	48	3	"	In	Topsoil 1;grey clay 5;hard grey limestone 50. Water at 25.
Con III	" 23	M.Yourk	"	May 4,1966	4	15	15	6	"	P	Stony clay 1;large stones clay 5;grey limestone 28;brown limestone 32;grey limestone 36;brown limestone 40. Water from 28 to 32 and from 36 to 40.
Con III	" 23	H.Nixon	"	Oct.30,1965	6	10	15	3	Sulphur	D	Open hole 3;hard grey limestone 27. Water from 24 to 27.
Con III	" 23	A.Moser	F.Wright & Son	Nov.25,1966	4	4	12	8	Fresh	D	Sandy clay stones 6;shale bedrock 36. Water from 31 to 36.
Con III	" 23	F.Grandfield	"	Dec. 8,1966	4			8	Sulphur	D	Stones clay 4;dark limestone 52. Water at 40.
Con III	" 23	H.Later	"	Dec.18,1966	4	7	14	6 1/2	Fresh	D	Sand gravel boulders 6;clay sand strips shale 9;dark grey limestone 31. Water from 30 to 31.
Con III	" 23	C.Stephens	"	Dec.20,1966	4	3	11	6	"	D	Stones gravel 7;shale 8;dark limestone 34. Water at 34.
Con III	" 23	J.Murray	"	Jan. 8,1967	4	3	14	6	"	D	Gravel stones 6;shale 9;dark limestone 36. Water at 36.
Con III	" 23	Canadian Ceramics	D.Sewell	July 3,1967	4	1	73	2 1/2	Sulphur	N	Shale 4;brown shale 24;grey shale 75. Water at 70.
Con III	" 24	A.Gibson	F.Wright & Son	Nov.17,1966	4	2	17	11 1/2	"	D	Brown clay stones shale 4;black limestone 27. Water at 25.
Con IV	" 6	S.Hogg	A.Loucks	Sep.14,1965	5	5	48	37	Fresh	D,S	Dug well 35;gravel boulders 46;brown limestone 55. Water from 51 to 55.
Con IV	" 6	J.Harvey	"	June 8,1965	5	10	25	20	"	D	Stones boulders 43;white limestone 56. Water from 50 to 56.
Con IV	" 12	T.Merritt	"	Sep. 7,1965	5	5	70	64	"	D	Stones boulders 60;brown limestone 85. Water from 70 to 85.
Con IV	" 22	H.Leistner	"	Mar. 9,1964	4	2	70	10	"	D	Flat stony clay 15;blue shale 105. Water from 70 to 105.
Con IV	" 22	Alpine Ski Club	Nimmo & Widdis	Oct. 4,1965	4	1	203	193	Sulphur	N	Sand gravel 10;blue clay 70;clay mud oil 203. Water at 70 and 200.
Con IV	" 25	F.Dickson	A.Loucks	June 14,1965	7	1 1/2	38	5	Fresh	D	Clay stones 4;limestone 42. Water from 30 to 42.
Con IV	" 25	A.Johnson	F.Wright & Son	Dec.19,1967	4	3	24	3	Sulphur	D	Shale gravel 4;dark bedrock 24. Water at 24.
Con V	" 9	L.Skazin	A.Loucks	June 3,1965	5	6	90	70	Fresh	D,S	Stones 48;white limestone 105. Water from 80 to 105.
Con V	" 25	J.Doolley	D.Sewell	Sep.26,1966	4	1 1/2	55	31	Sulphur	D	Clay 5;blue shale 15;brown shale 59. Water from 55 to 59.
Con VI	" 20	D.Grin	A.Loucks	Apr. 5,1965	5	5	70	25	Fresh	D,S	Topsoil 6;limestone 30;shale 96. Water from 70 to 96.
Con VII	" 14	E.McArthur	"	June 21,1967	6 1/2	8	160	150	"	D,S	Topsoil 3;white limestone 50;blue shale 65;red shale 90;grey limestone 170;red shale 177. Water from 170 to 177.
Con VII	" "	on	"	July 28,1965	6 1/2	1	45	5	Sulphur	D	Clay 6;shale 23;grey limestone 50. Water from 45 to 49.
Con VII	" 27	R.Bauer	"	Aug.14,1965	4	1 1/2	90	5	Fresh	D	Gravel 5;grey shale 24;grey limestone 103. Water from 24 to 103.
Con VII	" 29	E.Sager	"	July 3,1964	4	10	20	8	"	D	Clay boulders 26;shale 40. Water from 35 to 40.
Con VIII	" 7	Rob Roy Fish Club	D.Sewell	May 28,1966	4	15	12	7	"	D	Stones gravel 18;brown limestone 22. Water from 18 to 22.
Con VIII	" 20	H.Park	"	Sep.10,1966	5	8	60	19	"	D,S	Topsoil 1;brown clay 14;grey gravelly clay 70;silty gravel sand 71;blue shale 80. Water from 70 to 71 and from 73 to 80.
Con VIII	" 23	B.Rendall	A.Loucks	July 15,1964	5	8	75	50	"	D,S	Clay boulders 35;blue grey shale 100. Water from 75 to 100.
Con VIII	" 28	E.Swanson	D.Sewell	Aug.11,1966	5	12	50	12	"	In	Topsoil 1;clay loam 7;hardpan gravel 21;clay 48;hard gravelly clay 63;silty sand 67;clay 77;sand 82;gravel 84. Water at 63 and 67 and at 72 to 84.

GREY COUNTY - cont.		Collingwood Twp. - cont.															
Con VIII	lot 28	G.Dobson	D.Sewell	May 25, 1967	4	10	40	40	Fresh	D	Topsoil 2; brown clay 10; hard grey clay stones 62; silty clay 77; silty sand 85; clay 87; black coarse sand gravel 88. Water at 87.						
Con VIII	" 29	G.Dike	A.Loucks	May 18, 1965	5	5	45	40	"	D	Boulders gravel 35; hardpan clay gravel 90; gravel 96. Water from 90 to 96.						
Con IX	" 6	Dr.G.Robinson	D.Sewell	May 31, 1966	4	7	28	18	"	D	Topsoil 2; stone gravel 13; brown limestone 30. Water from 27 to 30.						
Con IX	" 20	A.Beth	"	July 10, 1967	4	1	75	12	"	D	Topsoil 2; brown clay 25; grey gravelly clay 55; silty gravel 60 blue clay 65; grey shale 80. Water from 55 to 60 and from 70 to 80.						
Con IX	" 30	E.Robinson	A.Loucks	Aug. 3, 1967	6½	30	50	25	"	D	Clay gravel hardpan 80; fine sand gravel 100; coarse sand gravel 108. Water from 90 to 108.						
Con X	" 12	L.Dobson	D.Sewell	Oct. 26, 1966	5	6	20	6	"	D	Topsoil 2; red clay 16; red shale 20; red blue shale 30. Water from 16 to 30.						
Con X	" 21	F.Vanormen	"	Oct. 6, 1967	5	8	60	18	"	D,S	Topsoil 1; brown clay 7; silty clay 28; gravelly grey clay 70; blue clay 75; blue shale 85. Water from 82 to 85.						
Con X	" 27	K.Hetherington	"	Dec. 7, 1967	4	10	40	38	"	D	Topsoil 1; gravelly clay 22; gravel streaks brown clay 53; grey hardpan 70; grey clay 81; brown sand gravel 84; black coarse sand 92. Water from 84 to 92.						
Con X	" 28	Georgian Bay Fruit Growers	A.Loucks	May 31, 1967	5	10	40	20	"	D,S	Topsoil 3; yellow hardpan 46; sand 53. Water from 49 to 53.						
Con X	" 29	C.Croskill	"	Aug. 27, 1964	4	Flows		Flows	"	D	Blue clay 68. Water at 68.						
Con X	" 29	P.Hughes	"	Sep. 14, 1964	4	15	30		"	D	Clay gravel 50; sand gravel 55. Water at 55.						
Con X	" 29	A.Clarke	"	Oct. 15, 1964	4				"	D	Dug well 10; hardpan clay 52; sand gravel 72. Water at 72.						
Con X	" 29	Z.Pritchard	D.Sewell	Oct. 22, 1965	4	10	8		"	D	Topsoil 2; sandy loam 11; silt 15; gravelly clay 47; coarse sand gravel 49. Water from 47 to 49.						
Con X	" 29	J.Mitchell	A.Loucks	June 27, 1967	4	15	10		"	D	Clay hardpan 76; gravel 79. Water from 76 to 79.						
Con X	" 30	J.McDonald	"	June 23, 1964	4	7	25	12	"	D	Clay gravel 35; sand gravel 44. Water from 35 to 44.						
Con X	" 30	R.Croskill	K.Mighton & Son	Apr. 19, 1965	4	4	60	40	"	D	Open hole 19; soft clay 45; hardpan grit 92; sand gritty clay 100; coarse sand gravel 104. Water from 100 to 104.						
Con X	" 30	F.Clarke	Pratts Well Drlg.	Mar. 15, 1966	4	3½	78	36	"	D	Blue silt 75; clay layers gravel 91; gravel 92. Water at 92.						
Con X	" 30	S.Dinsmore	D.Sewell	Oct. 5, 1966	4				"	D	Sandy loam 5; stony clay 30; gravelly clay 55; silt sand 63; clay 105; silt 115. Water from 55 to 63.						
Con X	" 30	"	"	Oct. 11, 1966	4	3	47	32	Fresh	D	Sandy loam 5; clay 10; silty clay 25; stone clay 36; silty gravel 50; coarse sand gravel 54. Water from 36 to 54.						
Con X	" 30	E.Thomas	T.Nimmo	Oct. 20, 1966	4	10	4	4	"	D	Brown clay loam 5; blue clay 25; quicksand 45; coarse gravel 68. Water from 67 to 68.						
Con X	" 30	V.Metcalf	"	Oct. 23, 1966	4	10	5	4	"	D	Clay loam 5; blue clay 25; quicksand 45; coarse gravel 65. Water from 64 to 65.						
Con X	" 30	R.Hartman	"	Nov. 9, 1966	4	8	25	20	"	D,S	Loam 12; blue clay 57; quicksand 70; coarse gravel 91. Water from 85 to 91.						
Con X	" 31	J.Abercrombie	A.Loucks	Mar. 17, 1964	4	12	65	50	"	D	Yellow hardpan stones 70; grey gravel 83. Water from 82 to 83.						
Con X	" 31	H.McDonald	"	June 29, 1964	4	8	70	50	"	D	Grey hardpan gravel 65; sand gravel 80. Water from 65 to 80.						
Con X	" 31	P. White	"	July 20, 1964	4	6	22	6	"	D	Dug well 10; gravel stones 28; gravel 45. Water from 38 to 45.						
Con X	" 31	C.Hoggerd	"	Aug. 8, 1964	4	7	60	50	"	D	Dug well 20; gravel hardpan 65; sand gravel 81. Water from 70 to 81.						
Con X	" 31	C.Croskill	"	Aug. 25, 1964	4	6	40	29	"	D	Blue clay gravel 60. Water from 50 to 60.						
Con X	" 31	S.Dinsmore	"	Sep. 12, 1964	4	5	45	30	"	D	Clay gravel 50; sand gravel 59. Water at 59.						

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Collingwood Twp. - cont.										
Con X lot 31	E. Parker	A. Loucks	Nov. 5, 1964	4	5	55	55	Fresh	D	Clay gravel 80; gravel 87. Water at 87.
Con X " 31	R. Heslip	D. Sewell	Oct. 27, 1965	4	5	45	37	"	D	Topsoil 5; clay 10; silty sand 16; soft clay 35; hard gravelly clay 57; sand gravel 59; coarse gravel 60. Water from 58 to 60.
Con X " 31	H. Johnston	"	Nov. 6, 1965	4	2	47	19	"	D	Topsoil 5; hard clay 10; silty sand 13; soft clay 35; hard gravel clay 45; packed sand gravel 58. Water from 45 to 58.
Con X " 31	S. Lake	K. Mighon & Son	Oct. 25, 1965	4	9	95	50	"	D	Topsoil 1; hardpan fine sand 43; fine gravel 46; sand clay 53; runny clay 63; fine gravel clay 70; soapy clay hardpan 80; fine gravel clay 90; hardpan 100; blue shale 128. Water from 100 to 128.
Con X " 31	H. Johnston	D. Sewell	June 8, 1966	4	3	80	20	"	D	Previously drilled 58; hard packed sand clay 73; dirty gravel 75; grey hardpan 81; sand stone 93. Water from 73 to 75 and from 86 to 93.
Con X " 31	J. Cherry	"	Nov. 14, 1966	4	6	75	50	"	D	Topsoil 1; sand 3; gravel 18; gravelly clay 83; coarse sand gravel 87. Water from 83 to 87.
Con X " 31	G. Johnston	"	Aug. 14, 1967	5	1		25	"	D	Topsoil 1; gravelly clay 9; silty sand 18; clay 42; gravelly clay 90; hard brown clay 105; black shaly clay 120. Dry hole.
Con X " 31	Robinson & Associates	"	Nov. 22, 1967	5	15	12	5 1/2	Fresh	T	Stony till 18; sand 20; sand gravel 40. Water from 18 to 40.
Con X " 35	L. Gower	A. Loucks	Oct. 27, 1964	4	8	15	10	"	D	Dug well 15; hardpan clay 35; sand gravel 49. Water at 49.
Con X " 35	G. Kirk	International Water Supply Ltd.	Jan. 20, 1967	2	20	28	25	"	D	Sand gravel 1; clay gravel boulders 11; fine sand clay boulders 15; clay silt gravel 20; silt fine sand clay gravel 27; silt clay gravel 62; silt 72; clay silt 90; shale limestone 105. Water at 90.
Con XI " 14	H. Kaake	D. Sewell	July 20, 1966	5	5	60	25	"	D, S	Topsoil 1; clay stones 18; grey stony clay 33; dirty sandy gravel 40; clay 43; blue shale 63. Water from 33 to 40 and from 50 to 63.
Con XI " 17	Ardiel Bros.	A. Loucks	May 24, 1967	5	8	40	26	"	D	Dug well 25; blue clay 110; shale 115. Water from 110 to 115.
Con XI " 22	M. Hoggard	"	Jan. 12, 1965	4	6	40	20	"	D, S	Gravel 22; hardpan clay gravel 68; sand gravel 85. Water from 70 to 85.
Con XI " 25	D. Hartford	D. Sewell	Oct. 19, 1965	4	4	28	16	"	D	Topsoil 2; red sandy clay 20; gravelly clay 28; black sand 30; coarse sand gravel 31. Water from 28 to 31.
Con XI " 26	M. McCallum	A. Loucks	Nov. 13, 1964	4	10	60	50	"	N	Gravel boulders 50; hardpan gravel 65; gravel 86. Water from 80 to 86.
Con XI " 27	E. Perkins	"	June 2, 1967	5	10	8	6	"	D, S	Topsoil 5; yellow hardpan 22; gravel 26. Water at 26.
Con XI " 31	H. Camplin	"	Nov. 18, 1964	4	12	20	6	"	D, S	Dug well 10; hardpan gravel 40; coarse gravel 47. Water from 42 to 47.
Con XI " 31	"	D. Sewell	June 22, 1966	4			30	"	N	Dug well 14; dirty coarse gravel 20; brown clay 30; grey hardpan stones 80; layer dirty sand 85; grey hardpan stones 108; brown clay stones 120; silt coarse sand 130; blue clay soft shale 160. Water from 30 to 80 and from 128 to 130.
Con XI " 31	"	"	June 12, 1966	4			30	"	N	Brown clay 2; dirty coarse gravel 20; brown clay 30; grey hardpan stones 80. Water from 30 to 80.
Con XI " 33	H. Binkley	K. Mighon	Apr. 4, 1965	4	5	20	4	"	C	Topsoil 1; fine sand 20; hard clay 40; fine sand 65; hard gritty clay 90; sand fine gravel 93. Water from 90 to 93.
Con XI " 35	G. Barker	A. Loucks	Oct. 7, 1964	4	2	80	2	"	In	Sand gravel 112. Water from 100 to 112.
Con XI " 35	W. Goldsmith	"	Oct. 23, 1964	4	10	85	70	"	D	Hardpan stones 70; fine sand 110; medium sand 122. Water from 110 to 122.
Con XI " 35	Robinson Associates	D. Sewell	Dec. 29, 1966	5	3	60	Flows	"	D	Brown sand 8; silty sand 33; grey hardpan 65; clay silty streaks 84; grey clay 103; sandy gravel 112. Water from 8 to 33 and from 103 to 112.

GREY COUNTY - cont.											
Collingwood Twp.- cont.											
Con XI	lot 36	T.Lemcke	D.Wright & Sons	June 28, 1962	5	8	25	14	Fresh	In	Boulders 24; sand gravel 60; quicksand 112. Water from 25 to 60.
Con XI	" 36	J.Kirk	International Water Supply Co.	Nov. 23, 1966	5					1-66	T Clay gravel 6; clay sand gravel boulders 11; broken gravel sand clay boulders 34; clay silt sand gravel 55; clay gravel 96; hard clay 106; cemented clay streaks gravel 133; hard clay gravel 163 shale 168.
Con XI	" 37	"	"	Nov. 28, 1966	5					2-66	T Topsoil 1; sand 6; hard clay gravel 54; silty clay gravel 99; hard clay gravel 172; broken rock clay gravel 180; rock 181.
Con XI	" 37	"	"	Dec. 5, 1966	2			16		3-66	T Topsoil 1; boulders clay 3; clay gravel 46; sand gravel clay 56; silt clay gravel 97; clay gravel 122; hard clay gravel 131; hard clay gravel 161; clay gravel 168; rock 169. Water at 46.
Con XI	" 38	K.Hoggard	A.Loucks	May 5, 1967	6½	8	45	Flows	Gas	D	Dug boulders gravel 8; blue clay 64; shale gravel 67; hard grey limestone 88. Water from 70 to 88.
Con XI	" 38	C.Neabel	"	May 12, 1967	7	2	85	"	Fresh	D	Boulders 10; clay 81; shale 101. Water from 81 to 101.
Con XII	" 22	J.Walker	D.Sewell	Oct. 12, 1967	5	7	58	34	"	D, S	Topsoil 1; clay 34; sand gravel 39; grey hardpan 62; sand gravel 68. Water from 62 to 68.
Con XII	" 37	J.Kirk	International Water Supply Co.	Dec. 14, 1966						4-66	T Topsoil 1; clay sand gravel boulders 37; gravel sand clay 59; packed gravel broken rock 63; gravel clay 67; silty clay gravel 99; hard clay gravel 103; cemented clay gravel 182; rock 186.
Derby Twp.											
Con I	lot 1	C.Cruise	D.Wright	Dec. 7, 1964	5	10	15	8	Fresh	D	Clay 5; loose limestone 20; brown limestone 33. Water from 25 to 30.
Con I	" 6	A.Wardell	D.Wright & Sons	Dec. 4, 1964	5	10	60	6	"	D	Loose limestone 25; greyish white limestone 86. Water from 50 to 80.
Con I	" 7	V.McNabb	"	Nov. 22, 1966	5	10	35	4	"	D	Loose limestone 20; solid limestone 65. Water from 40 to 60.
Con I	" 7	N.Graham	B.&S. Wright	May 13, 1965	5	30	15	4	"	D	Black soil 3; grey limestone 86; brown limestone 90. Water at 35 and 86.
Con I	" 9	W.Cook	"	July 20, 1966	5	2	90	18	"	D	Brown soil stones 15; blue limestone 95. Water at 52.
Con I	" 9	H.Lamb	"	June 7, 1965	5	5	88	12½	"	D	Brown soil 5; white limestone 80; blue limestone 95. Water at 30 and 50.
Con I	" 11	K.Weller	W.Wright	Sep. 4, 1967	5	1½	137	60	"	D	Fill 5; brown limestone 75; blue shale 82; red shale 137. Water at 90.
Con II	" 13	B.Furness	"	Jan. 24, 1967	5	21	40	30	"	D	Sand clay 41; brown limestone 65; blue shale 72; red shale 85. Water at 70.
Con II	" 14	C.Kramer	"	Apr. 1, 1967	5	10	40	6	"	D	Grey limestone 68; blue shale 75; red shale 80. Water from 60 to 75.
Con III	" 2	M.Wilson	D.Wright & Sons	Oct. 20, 1964	5	7	24	19	"	D, S	Dug well 23; gravel 45; hardpan 117; grey limestone 149; brown limestone 154. Water at 145.
Con III	" 11	B.Belrose	"	Apr. 7, 1964	5	12	50	45	"	D	Clay sand gravel 45; large boulders 60; brown limestone 100; blue shale 106; red shale 114. Water from 90 to 106.
Con III	" 13	G.Scherzer	R.&S. Wright	Oct. 26, 1964	4	1½	70	10	"	D	Topsoil sand 5; grey limestone 30; blue limestone 82; blue shale 84; red shale 91. Water from 60 to 82.
Con III	" 13	D.Sopp	D.Wright & Sons	Aug. 30, 1964	5	10	18	12	"	D	Clay 6; white limestone 65; bluish grey limestone 75; blue shale 82; red shale 91. Water from 70 to 82.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Derby Twp. - cont.										
Con III lot 13	P. Bakker	D. Wright & Sons	June 21, 1966	5	10	20	8	Fresh	D	Clay 8; limestone 87; blue shale 92; red shale 95. Water at 87.
Con III " 13	D. Nickel	W. Wright	July 31, 1967	5	6	12	7	"	D	Clay 8; brown limestone 80; blue shale 88; red shale 95. Water at 85.
Con III " 13	W. Sturm	"	July 19, 1967	5	5	25	5	"	D	Clay 8; light brown limestone 78; blue shale 88; red shale 98. Water at 88.
Con III " 13	V. Walmsley	"	July 27, 1967	5	5	17	4	"	D	Clay stones 8; brown limestone 77; blue shale 85; red shale 92. Water at 84.
Con III " 17	J. Foulds	"	June 5, 1967	5	3	150	60	Salty	N	Clay 65; gravel 80; red shale 90; blue shale 150. Water at 145.
Con III " 17	"	"	June 10, 1967	5	2	80	30	Fresh	D	Clay stones 70; gravel 85; red shale 95; blue shale 112. Water at 90.
Con III " 17	Barowen Holdings Ltd.	R. & S. Wright	June 28, 1967	6 1/2	12	65	30	"	C	Topsoil red sand 16; hard blue clay 40; blue shale 65; grey limestone 100. Water from 70 to 100.
Con III " 17	J. Donaldson	S. Wright	June 30, 1967	5	10	55	18	"	D	Topsoil sand 18; hard clay hardpan 64; grey rock 77. Water from 66 to 73.
Con IV " 13	W. Patton	D. Wright & Sons	Mar. 10, 1965	5	3	90	8	"	D	Limestone 85; blue shale 90; red shale 102. Water from 40 to 85.
Con IV " 13	D. Nickel	"	Mar. 24, 1965	5	10	25	12	"	D	Topsoil 3; grey limestone 70; brown limestone 80. Water at 70.
Con IV " 13	"	"	May 20, 1966	5	10	50	8	"	D	Grey limestone 80; brown limestone 86. Water at 80.
Con IV " 13	"	"	Mar. 24, 1967	5	3	80	3	"	D	Clay 8; grey limestone 89; blue shale 97; red shale 105. Water from 60 to 90.
Con IV " 13	W. Sturm	W. Wright	Apr. 19, 1967	5	10	18	5	"	D	Clay 3; limestone 83. Water from 60 to 75.
Con IV " 13	W. Patton	D. Wright & Sons	July 8, 1965	5	5	20	7	"	D	Clay 5; grey limestone 75; blue shale 83. Water at 45 and 70.
Con IV " 13	C. Morris	R. & S. Wright	July 14, 1965	5	2	95	5 1/2	"	D	Grey clay 7; brown limestone 40; blue limestone 80; grey limestone 90; blue shale 95; red shale 101. Water at 40.
Con IV " 13	L. Fletcher	"	Sep. 24, 1965	5	5	93	6	"	D	Brown limestone 30; grey limestone 87; blue shale 93; red shale 100. Water at 45 and 85.
Con IV " 17	Doyle's Marina	W. Wright	Apr. 12, 1967	5	10	60	4	"	C	Clay boulders 13; loose limestone 26; solid limestone 75; blue shale 85; red shale 131. Water from 75 to 120.
Con IV " 17	H. Robinson	A. Wright	Sep. 20, 1967	6 1/2	1	80	50	"	D	Blue clay 72; grey shale 90; brown limestone 128. Water from 90 to 128.
Con V " 1	A. Kuhl	A. Loucks	Nov. 18, 1965	5	15	18	8	"	D, S	Clay gravel 26; limestone 42. Water from 35 to 42.
Con V " 9	C. Barfoot	R. & S. Wright	Feb. 19, 1965	5	15	21	21	"	D	Brown sandy clay 17; brown sand 33; brown limestone 60; grey limestone 73 1/2. Water at 70.
Con VI " 10	W. Vokes	A. Loucks	Apr. 27, 1966	5	15	20	8	"	D	Clay stones 11; limestone 60. Water from 45 to 60.
Con VI " 10	"	R. & S. Wright	Sep. 23, 1966	5	2	120	14	"	D	Brown sandy clay 28; brown clay stones 34; blue limestone 85; grey limestone 125. Water at 60.
Con VII " 3	R. Abra	"	Sep. 14, 1966	5	14	30	22	"	D, S	Limestone 18; grey limestone 53. Water at 52.
Con VII " 6	W. Farley	"	Oct. 17, 1964	4 1/2	4	100	35	"	D	Dug well 36; hardpan gravel 38; grey limestone 128. Water from 110 to 125.
Con VII " 7	W. Mundle	L. & A. Wright	Sep. 10, 1965	5	12	50	15	"	D, S	Clay boulders 24; grey limestone 50. Water at 45.
Con VIII " 1	Keady Livestock Market	A. Loucks	July 5, 1966	5	15	20	12	"	S	Boulders gravel 20; limestone 45. Water from 35 to 45.
Con VIII " 7	J. Cook	R. & S. Wright	Dec. 15, 1967	5	7	90	33	"	D, S	Dark soil 3; brown sand 15; brown sand stones 68; brown limestone 107. Water at 75 and 105.
Con VIII " 15	H. Hall	D. Wright	Oct. 22, 1966	5	10	80	19	"	D	Stones gravel 22; brown limestone 130. Water at 75 and 125.
Con VIII " 17	E. Hall	"	Oct. 13, 1967	5	10	45	30	"	D	Gravel stones 50; brown limestone 138; blue limestone 145. Water at 138.

GREY COUNTY - cont.									
Derby Twp. - cont.									
Con IX	lot 3	F.Heathers	D.Wright & Sons	Oct. 1, 1965	5	5	35	8	Fresh
Con IX	" 4	W.Sherman	A. Loucks	Sep. 6, 1966	5	12	60	40	"
Con IX	" 12	A.Garvie	L. & A. Wright	June 15, 1965	5	5	30	15	"
Con X	" 13	G.LaPierre	D.Wright & Sons	Nov. 24, 1964	5	10	80	25	"
Con XI	" 6	R.Robertson	R. & S. Wright	July 13, 1964	5	7½	110	45	"
Con XII	" 12	W.Hardman	L. & A. Wright	Oct. 28, 1965	5	5	87	25	"
Con Indian Strip	1	E.Johnston	W.Wright	Oct. 24, 1967	5	3	120	1	"
Con "	" 4	H.Lynn	R. & S. Wright	Oct. 27, 1967	5	6	90	53	"
Con "	" 4	R.Bain	"	Oct. 18, 1965	5	5	60	14	"
Con "	" 4	A.Doubt	"	Dec. 24, 1965	5	8	50	10	"
Con "	" 9	D.McKay	A.Loucks	Feb. 14, 1964	4	9	26	19	"
Con "	" 10	H.Newburn	D.Wright	Oct. 1, 1964	5	5	70	30	"
Con "	" 11	A.Fraser	A. Loucks	Oct. 5, 1967	5	2½	70	25	"
Con "	" 16	J.Gardiner	D.Wright	Aug. 22, 1964	5	10	30	25	"
Con "	" 20	T.Penton	R. & S. Wright	Dec. 22, 1966	5	45	37	27	"
Dundalk Village									
		C.Keating	Durham Drlg.	Jan. 14, 1967	4	15	12	6	Fresh
		E. Mills	Enterprises Ltd.	June 9, 1965	4	5	50	40	"
Durham Town									
		PUC Durham	International	May 22, 1964	12	60	Flows	Flows	Fresh
		"	Water Supply Ltd.	Jan. 12, 1966	12	150	44	"	"
Clay 10; grey limestone 60. Water from 50 to 55. Clay gravel 70; yellow limestone 80. Water from 75 to 86. Stony brown clay 25; brown limestone 50. Water from 45 to 100. Clay 20; brown limestone 220; greyish white limestone 265. Water from 100 to 240. Brown sandy clay 24; grey sandy clay stones 84; grey limestone 110; brown limestone 140; white limestone 155. Water at 110. Clay stone 15; white limestone 45; brown limestone 91. Water at 81. Clay stones 12; light brown limestone 85; blue shale 92; red shale 126. Water at 100. Dug well 63; grey sand stones 74; grey clay 90; limestone 123. Water from 110 to 123. Blue clay stones 45; red clay 60; blue shale 80. Water at 60. Brown sandy soil 8; blue clay stones 40; red clay 54; blue shale 60. Water at 58. Clay gravel 11; stony gravel 18; grey brown limestone 30; brown limestone 61. Water from 55 to 61. Gumbo clay 80; limestone 90; blue shale 95; red shale 112. Water from 80 to 90. Yellow hardpan 32; white limestone 153. Water from 100 to 153. Clay boulders 28; brown limestone 82. Water from 65 to 76. Dug rock 8; white limestone 30; brown limestone 60. Water from 26 to 50.									
Topsoil 1; brown hardpan 50; gravel 60. Water at 60. Hardpan boulders 114; gravel 117. Water from 115 to 117.									
Topsoil 1; sandy clay 2; coarse gravel clay 7; sandy clay gravel 17; cemented gravel 26; clay gravel 36; grey shale 38; grey white limestone 45; grey limestone 95; brown limestone 269. Water at 177 and 260. Surface loam 1; broken limestone 17; soft streaks limestone 27; firm brown limestone 63; limestone 147; hard limestone soft shale 157; hard brown limestone soft streaks 197; hard streaks limestone 245. Water at 12 and 147.									

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Egremont Twp.										
Con IV lot 10	F.Cantlon	Durham Drlg. & Enterprises Ltd.	Sep.28,1965	4	15	40	36	Fresh	D,S	Open hole 11;sandy clay 70;sandy clay boulders 100;grey clay 115;grey sand 140;sandy clay 160;sand 165;fine gravel 172. Water at 85 and 172.
Con IV "	15 G.Shea	Water Well Drlg.	May 19,1964	5	20	55	55	"	D,S	Boulders 25;stones hardpan 90;gravel 127;grey limestone 180; grey brown limestone 264. Water at 263.
Con IV "	29 W.McQueen	G.L.Davidson	Aug.18,1966	4	7	50	26	"	D,S	Topsoil 1;sand gravel 3;brown clay 12;clay stones 51;gravel stones hardpan 81;grey hard rock 120;white grey hard rock 156. Water at 156.
Con V "	A F.Ellis	Water Well Drlg.	Apr.26,1964	5	15	35	20	"	D,S	Sand 20;hardpan 40;sand gravel 90;gravel 130;light brown limestone 282. Water at 282.
Con V "	1 P.Hartwright	"	Mar.15,1966	5	10	40	32	"	D,S	Clay boulders 25;hardpan 70;mixed clay gravel 116;mixed grey brown limestone 170;grey limestone 250;white limestone 280; brown limestone 286. Water at 283.
Con VI "	5 K.Iles	Hadco Well Digging Ltd.	Jan. 4,1967	30	3	39	32	"	D	Sandy gravel 9;brown clay 18;blue clay 32;sand 35;blue clay 36;coarse sand 40. Water at 32.
Con VI "	20 R.Bacher	K.Mighton & Son	July 20,1964	4	5	35	23	"	D,S	Open hole 23;clay 77;clay gravel 80;clay hardpan 95;grey rock 99. Water from 96 to 99.
Con VIII "	8 P.Preuss	Water Well Drlg.	Dec.14,1966	5	22	50	45	"	D,S	Hardpan 76;brown clay 150;hardpan boulders 217;grey limestone 360. Water from 355 to 360.
Con X "	1 J.Nananga	G.L.Davidson	Oct.13,1965	4	15	13	11	"	D,S	Gravel stones 26;stony hardpan 72;hardpan 102;clay 112;hardpan boulders 132;soft clay 146;blue soft shale 159;brown hard rock 166;grey hard rock 190. Water at 190.
Con X "	12 J.Braun	Water Well Drlg.	Mar.14,1967	5	22 1/2	20	15	"	D,S	Clay 7;hardpan 56;hardpan boulders 127;gravel boulders 142; hardpan blue boulders 168;loose yellow limestone 172;grey limestone 240;white limestone 280;grey limestone white limestone 424 1/2. Water at 304, 355, 395, 408, from 415 to 424 1/2.
Con XIII "	24 W.Switzer	G.L. Davidson	Mar.24,1966	4	9	25	17	"	D,S	Topsoil 1;stony clay 4;hard sand 80;pink white hard rock 84; brown grey hard rock 166. Water at 166.
Con XIV "	25 G.Barfoot	Pratt Bros.	Mar.12,1964	4	7	70	35	"	D,S	Clay stones 36;red clay 96;white limestone 198. Water at 106 and 198.
Con XV "	9 L.Eccles	G.L.Davidson	Oct. 3,1964	4	8	70	45	"	D,S	Topsoil 1;clay stones 18;blue clay 25;sand 29;hardpan 85;stony hardpan 140;grey hard rock 148;whitish brown hard rock 257. Water at 257.
Con XVII "	1 R.Geislers	Durham Drlg. & Enterprises	Feb.18,1965	4	10	20	15	"	D,S	Dug well 23;boulders 30;sand 40;boulders hardpan 60;gravel 73. Water at 73.
Con XIX "	1 " av's	Pratt Well Drlg.	Aug.17,1965	4	6 1/2	28	28	"	D,S	Sand gravel 30;sand 90;hardpan 109;gravel 110. Water at 110.
Con XX "	20 M. Baer	Durham Drlg. & Enterprises	Feb.22,1964	4	18	32	22	"	D,S	Open hole 32;sandy clay 50;gravelly clay 75;hard sandy clay 90; sand 110;hard brown rock 113. Water from 90 to 110.
Con XX "	25 M.Nelson	G.L.Davidson	Mar.10,1965	4	15	25	21	"	D,S	Topsoil 1;clay stones 18;clay sand gravel 63;gravel sand 68; hardpan stone 135;brown hard rock 155;brown medium hard rock 205. Water from 204 to 205.
Con XXI "	A J.Giese	Durham Drlg. & Enterprises Ltd	Nov.20,1967	4	10	60	60	"	D,S	Topsoil 1;gravel 50;boulders 52;brown hardpan 110;coarse gravel 111. Water from 110 to 111.
Con XXI "	10 K.Wells	K.Mighton & Son	Aug. 8,1966	4	5	50	30	"	D	Open hole 23;gravelly clay 95;hard clay 98;white limestone 99; brown rock 101. Water from 99 to 101.
Con XXI "	20 S.Harrison	Pratt's Well Drlg.	Jan.19,1965	4	7	32	31	"	D,S	Gravel sand 30;hardpan 115;white limestone 137. Water at 137.
Con XXII "	9 G.Wilson	"	Jan.28,1965	4	6	54	53	"	D,S	Gravel 79;gravel 80. Water at 80.



## GREY COUNTY - cont.

## Egremont Twp. - cont.

## Garafraxa Road East

GRE Con I	lot 3	E. Matthews	Pratt Bros.	Sep. 19, 1964	4	7	19	12	Fresh	D	Gravel 10; hardpan 17; white limestone 128. Water at 85 and 128.
GRE Con I	" 3	W. Curry	Durham Drlg. & Enterprises	May 11, 1965	4	10	65	55	"	D	Gravel 20; hardpan boulders 10; sand gravel 82; hard brown limestone 102. Water from 95 to 102.
GRE Con I	" 3	R. Weber	"	June 1, 1967	4	15	5	5	"	D	Fill 2; stony hardpan gravel 16; hard grey limestone 70. Water from 70 to 79.
GRE Con I	" 4	N. Phillips	"	Aug. 29, 1967	4	15	22	22	"	D	Topsoil 1; hardpan stones 17; hard white rock 73. Water from 65 to 73.
GRE Con I	" 10	M. Dixon	"	Oct. 22, 1964	4	10	85	70	"	D, S	Topsoil 3; sand 20; grey clay 100; sandy clay 130; stony sand clay 160; hard grey clay 206; grey limestone 228. Water at 220 and 228.
GRE Con I	" 16	Ont. Dept. of Highways	K. Mighton & Son	Feb. 21, 1967	7	Flows		Flows	"	P	Large stones clay 18; hard gravelly clay 50; hardpan 60; grey shale clay 80; natural gas 81; grey shale 115; hard grey limestone 127. Water at 120 and 127.
GRE Con I	" 17	P. Cottell	Durham Drlg. & Enterprises	June 18, 1965	4	10	85	80	"	D, S	Topsoil 3; boulders 30; sandy clay 100; yellow sand 170; grey sand 192; grey rock 223. Water from 192 to 223.
GRE Con I	" 30	N. Schmidt	"	July 3, 1967	4	20	20	18	"	In	Topsoil 1; hard stony gravel 30; sand clay 70; sand 75; blue shale 78; grey rock 112. Water from 105 to 112.
GRE Con III	" 2	J. Grant	Pratt's Well Drlg.	June 22, 1966	4	6 1/2	32	32	"	D	Sand gravel 92; white limestone 108. Water at 106.
GRE Con III	" 37	Twp. School Area	G. L. Davidson	Jan. 16, 1964	6	11	105	48	"	P	Gravel hardpan stones 112; silt hardpan stones boulders 192; brown limestone 224; light brown limestone 252; hard grey limestone 252; hard grey limestone 264; brown limestone 304; brown light medium brown limestone 328; grey brown hard limestone 333. Water at 252, 304 and 333.
GRE Con III	" 44	P. Dingwell	K. Mighton & Sons	Oct. 20, 1967	4	4	55	36	Fresh	D, S	Topsoil 1; stony clay 10; gravel clay 68; hardpan 73; coarse sand 74. Water at 74.
GRE Con III	" 68	E. Shier	"	July 15, 1964	4	6 1/2	17	16	"	D	Open hole 23; hardpan 26; stony clay 85; coarse gravel sand 101. Water from 98 to 101.
GRE Con III	" 68	B. Pothergill	"	Nov. 25, 1966	4	8	50	25	"	D	Topsoil 2; gravelly clay hardpan 78; coarse sand gravel 90. Water at 89 and 90.
Euphrasia Twp.											
Con I	lot 7	L. Cross	D. Sewell	July 23, 1966	4	8	40	20	Fresh	D, S	Clay 1 1/2; white limestone 51. Water at 28 and 50.
Con I	" 14	H. Hollingworth	"	Nov. 2, 1965	4	1 1/2	48	29	"	D	Brown clay 15; red clay 30; red blue shale 50. Water at 32.
Con I	" 19	A. Taylor	A. Loucks	Nov. 26, 1964	4	12	5	Flows	"	D, S	Gravel boulders 25; gravel clay 90; sand gravel 94. Water from 90 to 94.
Con II	" 14	W. Woodhouse	Pratt's Well Drlg.	June 4, 1965	4	4	45	40	"	D, S	Shaly rock 8; blue shale 58. Water at 58.
Con II	" 15	J. Graham	D. Sewell	Nov. 20, 1965	4	2	45	11	"	S	Stony clay 27; silty gravel 38; soft clay 42; packed gravel 47. Water from 45 to 47.
Con II	" 18	Dr. E. Charters	"	July 1, 1966	4	1	70	10	Salty	D, S	Topsoil 5; sandy gravel 12; red clay 30; blue clay 45; soft blue shale 80. Water from 9 to 12 and from 70 to 80.
Con IV	" 8	Dr. R. Staroste	T. Nimmo	Dec. 23, 1966	4	3	145	Flows	Fresh	D	Loam 5; blue clay 65; quicksand 75; blue clay 155. Water from 150 to 155.
Con IV	" 21	E. Smith	D. Sewell	Oct. 24, 1966	4	5	70	30	"	D	Clay 6; white limestone 36; brown limestone 80. Water at 36, and from 71 to 80.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Euphrasia Twp. - cont.										
Con IV lot 29	C.Wiley	K.Mighton & Son	July 21, 1964	4	5	60	40	Fresh	D,S	Previously drilled 60; brown rock 77; blue shale 78. Water from 65 to 78. Topsoil 1; brown clay 160; dark brown sand 234. Dry hole.
Con V "	5 R.Gibbons	Durham Drig. & Enterprises	Apr. 26, 1966							
Con V "	15 E.Roach	D.Sewell	Sep. 26, 1966	5	6	28	12	Fresh	D	Topsoil 1; stony clay 20; sandy gravel 35. Water from 20 to 35.
Con V "	22 D.Mears	"	Oct. 15, 1966	5	10	33	23	"	D	Brown clay 15; limestone 35. Water from 30 to 35.
Con VI "	9 E.Ehlers	Pratt Bros.	Aug. 29, 1964	5	10	90	87	"	D	Clay boulders 30; red clay 52; cream limestone 69; white limestone 124. Water at 124.
Con VI "	21 Twp Euphrasia	D.Sewell	Sep. 2, 1966	5	15	20	16 1/2	"	P	Topsoil 3; stony clay 10; yellow clay gravelly 20; brown limestone 40. Water from 21 to 40.
Con VII "	10 G.McLeod	A.Loucks	June 26, 1967	5	8	35	27	"	P	Topsoil 1; yellow hardpan 15; broken rock 19; white limestone 45; brown limestone 73. Water from 45 to 73.
Con VII "	12 P.Pink	Durham Drig. & Enterprises Ltd.	June 11, 1964	4	20	14	14	"	D,S	Hardpan boulders 23; white limestone 36. Water from 30 to 36.
Con VII "	15 M.Risk	K.Mighton & Son	Aug. 25, 1964	5	4	35	12	"	D,S	Old well 30; grey rock 57. Water from 50 to 57.
Con VII "	21 R.Thompson	"	July 17, 1964	4	20	14	13	"	D	Topsoil 1; sand gravel 10; brown clay 15; coarse gravel 24; grey rock 34; brown rock 37. Water at 36.
Con VII "	22 M.Wyonch	D.Wright & Sons	July 7, 1964	5	10	15	12	"	D	Gravel boulders 25; brown limestone 45. Water at 40.
Con VIII "	24 A.McVittie	"	Mar. 9, 1965	5	8	70	10	"	D,S	Dug well 20; brown limestone 40; blue limestone 126. Water at 50 and 110.
Con IX "	29 J.Bennett	D.Sewell	Oct. 23, 1967	5	10	19	17	"	D	Topsoil 1; clay 4; brown limestone 27; green shale 30. Water from 20 to 28.
Con X "	1 J.Hutchinson	K.Mighton & Son	Feb. 17, 1965	4	5	60	40	"	D,S	Topsoil 1; gravelly clay 20; sand 25; grey shale 29; white limestone 50; brown limestone 55; white limestone 195; bluish grey limestone 198. Water from 60 to 65 and at 194 and 198.
Con X "	3 J.Brady	A. Loucks	Dec. 12, 1969	5	12	60	50	"	D,S	Stones gravel 49; brown limestone 79. Water from 65 to 79.
Con X "	19 I.Clark	D.Wright	Jan. 15, 1965	5	10	50	50	"	D,S	Hardpan boulders 40; brown limestone 60; grey limestone 130; blue grey limestone 135. Water at 60 and 130.
Con X "	21 D.Breadner	D.Sewell	Oct. 1, 1965	5	2 1/2	120	65	"	D	Clay 15; limestone 125. Water at 108 and 118.
Con XI "	6 L.Harvey	Pratt Bros.	Aug. 26, 1964	4	7	52	49	"	D,S	Clay stones 52; cream coloured limestone 121. Water at 121.
Con XI "	19 O.Fitzsimmons	D.Wright & Sons	Dec. 5, 1964	5	7	49	48	"	D,S	Dug well 42; shale 54; brown limestone 100. Water at 94.
Con XI "	25 G.Murray	D.Sewell	Aug. 5, 1966	5	6	38	16	"	D	Gravelly clay 10; gravel 17; white limestone 20; reddish brown limestone 38; white limestone 42. Water from 34 to 38.
Con XI "	30 A.Rennie	"	July 17, 1967	5	1	95	22	"	D	Topsoil 1; stones brown clay 12; grey limestone 54; brown limestone 64; blue shale 63; red shale 100; blue shale 105. Water from 38 to 40 and from 70 to 80.
Con XI "	30 "	"	July 21, 1967	5	12	34	24	"	D,S	Topsoil 1; brown clay 9; silty clay 11; brown clay 22; brown limestone 38. Water from 28 to 38.
Con XII "	1 C.Brown	A.Loucks	Jan. 19, 1967	5	10	40	30	"	D,S	Gravel boulders 58; limestone 80. Water from 70 to 80.
Con XII "	17 L.Barry	K.Mighton & Son	Nov. 24, 1964	4	9	70	51	"	D,S	Topsoil 2; hardpan 20; large stones clay 31; grey limestone 80; brown limestone 103. Water from 85 to 103.
Con XII "	25 R.Murray	D.Sewell	Dec. 12, 1966	5	12	28	24	"	D	Stony loam 5; stones gravel 24; white limestone 40. Water at 30.

## GREY COUNTY - cont.

J. Magee	A. Loucks		4	10	30	21	Fresh	D	Gravel boulders 50; dirty gravel 130; limestone 162. Water from
P. Eagles	Durham Drlg. & Enterprises Ltd.	Nov. 7, 1964	4	15	49	28	"	D	Open hole 25; clay 35; sand clay boulders 60; sand 133. Water from 120 to 133.
C. Bette	Pratt's Well Drlg.	Feb. 12, 1965	4	8	24	23	"	D	Clay 18; soft red clay 105; hardpan 128; brown limestone 145. Water at 145.
K. Armstrong	"	Mar. 6, 1965	4	7	2	18	"	D	Clay stones 27; soft red clay 95; brown limestone 108. Water at 108.
S. Stafford	"	Mar. 13, 1965	4	7	4	3	"	D	Old well 12; soft red clay 138; white limestone 155. Water at 155.
F. Irwin	"	Mar. 13, 1965	4	7	4	3	"	D	Clay stones 12; blue clay 100; brown shaly rock 160. Water at 106 and 160.
L. White	"	Apr. 1, 1965	4	8	25	17	"	D	Topsoil 3; gravel boulders 40; gravel sand 60; hardpan 80; gravel 85. Water from 80 to 85.
L. Neubauer	Durham Drlg. & Enterprises	May 5, 1965	4	18	35	20	"	D	Sand coarse gravel stones boulders 38; dirty silty sand gravel 148; brown soft limestone 162. Water from 160 to 162.
Bell Telephone Co. Canada	Davidson Well Drlg.	June 8, 1966	5	10	30	22	"	C	Fill 5; clay 17; clay boulders 25; brown hardpan 70; clay gravel 76; hard brown rock 111. Water from 102 to 111.
N. Stoddart	Durham Drlg. & Enterprises Ltd.	Mar. 27, 1967	4	10	40	15	"	D	Topsoil 1; hard clay 10; sandy clay 30; hard clay large stones 55 gravelly clay 80; medium sand 84. Water from 80 to 84.
W. Smith	K. Mighton & Sons	Apr. 24, 1967	4	5	40	8	"	D	Topsoil 2; coarse gravel 7; hardpan 12; sand gravel 18; sandy marl 28; rough gravel 32; sand clay 41; hardpan 54; brown quicksand 98; fine brown sand 133; brown hard soft shale 155; brown hard limestone 160; light brown hard limestone 172; buff limestone 180; white buff limestone 186; grey hard limestone 200; dark grey limestone 208; light grey hard limestone 232; dark grey hard limestone 274; blue bridging shale 318; dark grey hard limestone 336; hard brown limestone 362; red blue limestone shale 368; blue bridging shale 372; red bridging shale 385. Water at 172, 385.
South East Grey Board of Education	Davidson Well Drlg.	June 21, 1967	8	30	175	14	"	P	Topsoil 1; clay gravel 60; hardpan 97; shale 100; brown rock 154. Water from 145 to 154.
T. Raeburn	Durham Drlg. & Enterprises Ltd.	Aug. 15, 1967	4	15	30	20	Fresh	D	Gravel boulders 25; hardpan 35; sandy clay 40; quicksand 55; gravel boulders 60; sand gravel 75; grey clay 99; brown rock 159. Water from 130 to 159.
K. Juffs	"	Aug. 15, 1967	4	15	40	36	"	D	Topsoil 1; gravel 20; clay gravel 65; clean gravel 72. Water from 70 to 72.
V. Lavender	"	Sep. 7, 1967	4	20	25	23	"	D	Clay boulders 21; gravel 25; red clay 68; soft brown rock 88. Water from 80 to 88.
M. Hynard	"	Nov. 3, 1967	4	20	26	14	"	D	Topsoil 1; large stones clay 20; hard grey clay 45; gravelly clay 85; hardpan 90; coarse sand 94. Water from 90 to 94.
Senior Citizens Home	K. Mighton & Sons	Nov. 10, 1967	4	9	50	8	"	P	Topsoil 5; boulders 15; grey clay 35; clay gravel layers 55; sand gravel 75; sand 90; loose rock 97; limestone 200. Water at 170, 180 and 200.
J. Richards	Elliott Drlg.	Apr. 2, 1965	4	7	42	20	"	D	Clay stones 28; clay 65; gravel 98; hardpan 142; brown limestone 164. Water at 164.
L. Boyd	Pratt's Well Drlg.	Aug. 8, 1965	4	7	24	23	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Glenelg. Twp. -										
Con V lot 11	O.Schenk	Pratt Bros.	May 12, 1964	4	7	39	36	Fresh	D,S	Gravel 26;hardpan 86;creamy limestone 91. Water at 91.
Con V " 21	I.Davis	Durham Drlg. & Enterprises Ltd.	July 1, 1966	4	10	40	30	"	D	Topsoil 1;hardpan boulders 25;sand gravel 60;brown hard clay 128;brown hard rock 151. Water from 145 to 151.
Con V " 23	T.Alderwick	"	June 17, 1967	4	15	25	15	"	D	Topsoil 1;hardpan stones 18;hard brown clay 70;brown hardpan 93;brown limestone 148. Water from 140 to 148.
Con VII " 4	G.Timmins	Pratt's Well Drlg.	May 6, 1965	4	8	29	25	"	D,S	Clay boulders 30;hardpan 98;white limestone 117. Water at 117.
Con VII " 9	C.Robson	"	Dec. 3, 1964	4	6 1/2	38	35	"	D,S	Clay boulders 85;cream coloured limestone 95. Water at 95.
Con IX " 10	I.Campbell	"	June 30, 1964	4	7	47	46	"	D	Shaly rock 8;cream limestone 42; white limestone 80. Water at 80.
Con IX " 21	P.McCaskell	Durham Drlg. & Enterprises	Sep. 14, 1964	4	20	35	27	"	D,S	Topsoil 3;gravel clay 20;grey clay 40;sandy clay 51;grey rock 80. Water from 70 to 80.
Con XI " 5	W.Strain	K.Mighton & Sons	Sep. 12, 1966	4	9	60	50	"	D,S	Topsoil 1;stones sandy clay 12;gravel 13;sand clay gravel ridges 56;dirty sand gravel 78;sand gravel layers hardpan 95; layers white shale gravel 160. Water at 160.
Con X " 19	R.Hutchinson	D.Wright & Sons	Apr. 2, 1964	5	10	18	18	"	D,S	Gravel large boulders 60;brown limestone 90. Water from 75 to 86.
Con XIII " 5	C.Vaughan	K.Mighton & Sons	Sep. 16, 1966	4	4	60	50	"	D,S	Topsoil 1;stony clay 15;hardpan gravel 47;fine gravel 55;sand gravel 68;hardpan 69;coarse sand 72;hardpan 75;gravel sand 88; hardpan 89;coarse gravel 90. Water at 90.
Durham Road North & South										
DRN Con I " 43	F.McKinnon	Pratt Bros.	Dec. 12, 1964	4	6 1/2	42	40	"	D,S	Topsoil 3;clay stony gravel streaks 142;brown limestone 160. Water at 160.
DRN Con III " 35	A.Neville	"	May 18, 1965	4	7	72	70	"	D	Gravel 18;sand 75;sandy hardpan 113;white limestone 180. Water at 180.
DRS Con I " 20	G.Schade	Durham Drlg. & Enterprises Ltd.	June 10, 1967	4	10	75	70	"	D	Fill 2;hard stony gravel 46;brown hardpan 130;sandy clay 136; hard grey limestone 149. Water from 140 to 149.
DRS Con II " 17	D.Blair	Pratt Bros.	May 6, 1964	4	7	75	67	"	D	Gravel 18;sand 115;creamy soft limestone 143. Water at 143.
DRS Con III " 15	C.Kennedy	Durham Drlg. & Enterprises Ltd.	Oct. 30, 1965	4	12	34	30	"	D	Open hole 12;stones gravel 40;cemented gravel 90;hard brown rock 96. Water from 95 to 96.
DRS Con IV " 10	G.Brown	Pratt's Well Drlg.	May 27, 1966	4	6	118	117	"	D	Gravel 40;sand gravel 128;hardpan 133;gravel 133 1/2. Water at 133 1/2.
Garafraxa Road East										
GRE Con I " 1	D.Keiffer	"	June 1, 1965	4	7	31	30	"	D	Clay boulders 31;cream coloured limestone 52. Water at 52.
GRE Con I " 4	G.Bartholomew	K.Mighton & Son	Oct. 11, 1966	4	10	39	4	"	D,S	Topsoil 1;boulders gravel 26;sand 45;hardpan 48;gravel sand layers clay 61;sand 68;gravelly sand 72;grey rock 89. Water from 80 to 89.
GRE Con I " 2		Pratt's Well Drlg.	July 12, 1965	4	10	20	15	"	D	Sand gravel 45;grey hardpan 80;white limestone 89. Water at 89.
GRE Con I " 28	W.Russell	Pratt Bros.	July 10, 1964	4	6	74	64	"	D	Gravel 30;sand 69;white limestone 105. Water at 105.
GRE Con I " 29	M.Hutter	Durham Drlg.	June 21, 1967	4	15	42	40	"	D	Topsoil 1;hardpan stones gravel 30;sandy clay 66;hard brown white rock 90. Water from 80 to 90.
GRE Con II " 17	A.Doeppler	Pratt's Well Drlg.	July 12, 1966	4	8	42	40	"	D	Gravel 42;sand 77;white limestone 102. Water at 102.
GRE Con II " 30	E.Mullin	Durham Drlg. & Enterprises Ltd.	June 27, 1967	4	5	80	24	"	D,S	Stones gravel 24;gravel 30;hard grey limestone 117. Water from 100 to 117.
GRE Con II " 57	J.Brown	"	July 10, 1964	4	10	85	84	"	D,S	Open hole 30;hard stony gravel 113;hard white limestone 140. Water from 135 to 140.
GRE Con II " 59	W.Thompson	Pratt Bros.	Jan. 14, 1964	4	7	18	11	"	D,S	Gravel large boulders 22;white limestone 45. Water at 45.
GRE Con II " 59	T.Lekx	Pratt's Well Drlg.	May 6, 1965	4	10	25	4 1/2	"	Ir	Clay 4;white limestone 80. Water at 28 and 80.

## GREY COUNTY - cont.

## Glenelg Twp. - cont.

## Garafraxa Road East cont.

GRE Con I	Lot 50	P. Stonehouse	Durham Drlg. &	May 13, 1965	4	12	10	6	Fresh	D	Topsoil 3; brown rock 21. Water from 18 to 21.
GRE Con II	59	B. Hopkins	Pratt's Well Drlg.	Jan. 22, 1966	4	12	10	6	"	"	Gravel large boulders 8; white limestone 36. Water at 34.
GRE Con III	2	D. Root & J. Root	A. Loucks	Aug. 11, 1967	5	15	18	18	"	D, S	Dug well 20; gravel 30; limestone 36. Water at 34.
GRE Con III	50	D. Muir	Pratt's Well Drlg.	Apr. 27, 1966	4	9	4	2	"	D	Topsoil 1; stony clay 67; gravel layers hardpan 96; medium gravel 96. Water from 65 to 72.
GRE Con III	62	L. McPadden	Pratt Bros.	Nov. 12, 1964	4	6	21	18	"	D, S	Gravel 15; sand gravel 24; white limestone 51. Water at 34 and 51.
GRE Con III	67	C. Lindsay	K. Mighton & Son	Dec. 5, 1966	4	4	50	20	"	D	Gravel 31; white limestone 56. Water at 56.
GRE Con III	69	S. Sharp	Pratt Bros.	Nov. 9, 1964	4	7	20	19	"	D, S	Topsoil 1; stony clay 67; gravel layers hardpan 96; medium gravel 96. Water from 90 to 96.
SRW Con I	106	J. Graham	A. Loucks	Oct. 4, 1966	4	10	38	25	"	D, S	Clay stony hardpan 33; white limestone 40. Water at 40.
											Boulders stones 19; boulders 54. Water at 45.
Holland Twp.											
Garafraxa Road East											
GRE Con I	Lot 1	A. Watson	A. Loucks	Aug. 20, 1966	5	10	30	25	Fresh	D	Topsoil gravel 6; limestone 64. Water from 45 to 64.
GRE Con I	3	Dr. A. McDougall	"	Aug. 21, 1966	5	10	55	50	"	D	Boulders gravel 40; broken limestone 55; limestone 79. Water from 65 to 79.
GRE Con I	2	T. Cathrae	"	Aug. 26, 1967	5	20	50	30	"	P	Clay stones 24; yellow limestone 81. Water from 65 to 81.
GRE Con I	3	E. McKay	"	Mar. 30, 1964	4	10	50	20	"	D	Gravel boulders 48; brown limestone 85. Water from 75 to 85.
GRE Con I	3	A. Quinlan	"	Oct. 2, 1964	5	15	70	60	"	D	Sand 10; gravel boulders 45; brown limestone 93. Water from 75 to 93.
GRE Con I	3	Dr. A. McDougall	"	July 14, 1966	5	10	50	35	"	P	Gravel boulders 35; limestone 75. Water from 65 to 75.
GRE Con I	3	P. Wheldon	"	Dec. 22, 1966	5	20	15	8	"	D	Yellow hardpan stones 42; limestone 69. Water from 65 to 69.
GRE Con I	5	G. Hatten	"	Oct. 31, 1967	6	15	15	9	"	D	Sand gravel 16; broken rock 20; brown limestone 46. Water from 40 to 46.
GRE Con I	5	D. Martin	W. Wright	Nov. 3, 1967	5	14	16	6	"	D	Clay gravel boulders 40; limestone 78. Water from 60 to 75.
GRE Con I	15	D. Burnett	A. Loucks	Nov. 23, 1967	5	10	45	32	"	D	Boulders 44; brown limestone 67. Water from 60 to 66.
GRE Con I	18	E. McIntosh	"	Oct. 7, 1964	4	8	30	23	"	D	Gravel boulders 26; grey limestone 72. Water from 60 to 72.
GRE Con I	18	E. Metzger	"	Feb. 26, 1964	4	10	60	30	"	D	Gravel boulders 26; white limestone 84. Water from 80 to 84.
GRE Con I	18	C. Schultz	"	Mar. 22, 1965	4	15	20	15	"	D	Boulders gravel 28; limestone 68. Water from 50 to 63.
GRE Con I	18	W. Heft	"	Dec. 17, 1966	4	10	50	20	"	D	Gravel boulders 31; limestone 76. Water from 60 to 76.
GRE Con I	19	W. Markle	"	July 22, 1964	4	6	28	26	"	D	Gravel boulders 25; limestone 38. Water from 30 to 38.
GRE Con I	19	E. Krause	K. Mighton & Sons	Feb. 2, 1965	4	9	35	30	"	D	Open hole 32; sand fine gravel 42; grey limestone 59. Water from 50 to 59.
GRE Con I	19	S. Byers	A. Loucks	Mar. 31, 1966	4	10	35	25	"	D	Stones gravel 40; limestone 80. Water from 65 to 80.
GRE Con I	19	D. Mims	W. Wright	July 4, 1967	5	5	30	30	"	D	Gravel boulders 42; light brown limestone 91. Water at 85.
GRE Con I	19	E. Schuknecht	K. Mighton & Sons	June 8, 1967	4	20	24	21	"	D	Large stony clay 18; gravel hardpan ridges 22; hard white fine gravel 31; hard white limestone 43. Water at 25 and from 31 to 43.
GRE Con I	19	R. Wellwood	A. Loucks	Sep. 8, 1967	4	8	40	30	Fresh	D	Topsoil 2; boulders clay 35; white limestone 40; brown limestone 49. Water at 49.
GRE Con I	20	A. Fuller	"	Sep. 1, 1967	5	10	35	28	"	D	Boulders 40; limestone 53. Water from 47 to 53.
GRE Con I	24	W. Winch	"	Feb. 3, 1965	4	8	54	47	"	D, S	Sand 12; stony clay gravel 36; light brown limestone 52; brown limestone 78. Water from 65 to 78.
GRE Con I	28	W. Baker	"	Aug. 14, 1964	5	15	25	10	"	S	Dug well 12; gravel boulders 39; limestone 69. Water from 40 to 69.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Holland Twp. - cont.										
Garafraza Road East; lot 30	Sydenham Road East									
GRE Con I	E.Reid	A.Loucks	Sep. 8, 1966	4	10	50	30	Fresh	D	Boulders clay gravel 68; limestone 90. Water from 80 to 90.
GRE Con I	Holland Twp. Community Centre	"	Oct. 6, 1967	5	8	60	28	"	P	Topsoil 2; boulders 48; hardpan 60; boulders 63; grey limestone 100; brown limestone 109. Water from 105 to 106.
GRE Con I	" 14 D.Elder	"	Feb. 25, 1965	4	8	25	15	"	D	Gravel boulders 24; limestone 55. Water from 40 to 55.
GRE Con I	" 15 D.Puddicombe	W.Wright	May 16, 1967	5	14	20	17	"	D	Hardpan boulders 26; brown limestone 56; greyish limestone 66. Water from 50 to 60.
GRE Con I	" 15 K.Schumacher	A.Loucks	Sep. 22, 1967	5	6	46	36	"	D	Topsoil 2; sand 4; boulders 20; hardpan 30; boulders 70; white limestone 80; brown limestone 86. Water from 84 to 86.
GRE Con II	" 27 L.Wheildon	"	July 27, 1965	5	12	60	45	"	D,S	Dug well 43; gravel boulders 78; limestone 100. Water from 95 to 98.
GRE Con II	" 44 J.Stock	K.Mighton & Son	Jan. 3, 1966	4	10	24	22	"	D	Old well 32; sand gravel 55; large stones hardpan 59; hard brown limestone 64. Water from 60 to 64.
GRE Con III	" 12 J.Kennifick	M.Bellerby	Dec. 1, 1964	4	6 1/2	42	38	"	D,S	Dug well 34; gravel 38; white limestone 54. Water at 52.
GRE Con III	" 46 W.Bailey	A.Loucks	Aug. 19, 1965	4	10	75	45	"	D	Gravel boulders 33; white limestone 105. Water from 90 to 105.
GRE Con III	" 43 L.Cook	Pratt's Well Drlg.	Nov. 24, 1965	4	7	57	55	"	D,S	Clay boulders 75; brown limestone 86. Water at 86.
GRE Con IV	" 2 L.Kirk	A.Loucks	Feb. 21, 1965	4	5	120	80	"	D,S	Gravel boulders 114; limestone 140; gravel sand 170. Water from 140 to 170.
GRE Con V	" 28 N.Smith	Durham Drlg.	Sep. 1, 1967	4	10	61	20	"	D	Topsoil 1; clay gravel 25; brown hardpan 52; brown limestone 87. Water from 80 to 87.
GRE Con V	" 30 J.Dickson	"	May 2, 1967	4	10	120	100	"	D,S	Topsoil 1; hardpan stones 95; hardpan 155; stones gravel 165; coarse gravel 171. Water from 168 to 171.
GRE Con VII	" 30 J.Gifford	Pratt Bros.	Oct. 6, 1964	4	6	76	75	"	D	Sand gravel 30; hardpan 97; gravel 98. Water at 99.
GRE Con IX	" 12 I.Wagner	A.Loucks	Dec. 4, 1967	5	15	10	8	"	D	Gravel boulders 70; broken limestone 74. Water from 72 to 74.
GRE Con X	" 3 G.Johnston	R.&S. Wright	Dec. 19, 1964	4 1/2	5	60	30	"	D	Topsoil stones 18; grey limestone 103. Water at 97 and 103.
GRE Con XI	" 3 R.Young	"	Nov. 28, 1964	5	5	60	17	"	D,S	Well dug to rock 17; grey limestone 65; blue limestone 117; blue shale 118. Water from 95 to 117.
GRE Con XII	" 2 T.Marchand	D.Wright & Sons	Sep. 21, 1966	5	5	50	12	"	D	Brown clay 12; grey limestone 60. Water at 55.
SRE Con I	" 18 L.Weatherall	A.Loucks	Nov. 1, 1965	5	7	60	50	"	D,S	Boulders clay gravel 45; limestone 88. Water from 75 to 88.
SRE Con I	" 26 G.Cook	D.Wright & Sons	Jan. 21, 1964	5	10	40	21	"	D,S	Sandy gritty stony clay 85; brown limestone 157 1/2. Water at 125 and 150.
SRE Con I	" 28 L.Patton	A.Loucks	Dec. 1, 1967	5	10	35	20	"	D	Stones gravel 76; yellow limestone 95. Water from 85 to 95.
SRE Con I	" 32 T.Shaw	"	Nov. 26, 1964	4	5	60	30	"	D	Gravel boulders 75; limestone 98. Water from 75 to 98.
SRE Con I	" 37 C.N.Holly	"	Aug. 21, 1965	5	10	50	40	"	C	Gravel boulders 50; brown limestone 73. Water from 65 to 73.
SRE Con I	" 58 J. McLeay	Pratt's Well Drlg.	Feb. 27, 1965	4	6 1/2	51	49	"	D,S	Clay boulders 82; brown shaly rock 95. Water at 95.
SRE Con I	" 60 R.Cowan	A.Loucks	Sep. 9, 1967	5	10	30	25	"	D	Boulders clay 56; yellow limestone 82. Water from 75 to 82.
SRE Con I	" 61 R.McCann	Pratt Bros.	June 16, 1964	5	6	48	35	"	D	Gravel 6; clay boulders 48; shaly rock 80. Water at 80.
SRE Con I	" 61 J.McLaughlin	"	Aug. 7, 1964	4	6	56	45	"	D,S	Rough gravel 16; hardpan 59; shaly black rock 64; black rock 85. Water at 85.
SRE Con I	" 65 C.Allen	K.Mighton & Sons	Nov. 11, 1964	4	13	33	24	"	D,S	Open hole 28; stony clay 38; grey limestone 53. Water from 48 to 53.
SRE Con I	" 70 W.McLean	M.Bellerby	Aug. 1, 1964	4	6	26	13	"	D	Sandy gravel 40; white limestone 55. Water from 52 to 55.
SRE Con I	" 74 A.Promaine	Pratt Bros.	June 26, 1964	4	6	86	67	"	D,S	Clay boulders 89; brown limestone 126. Water at 126.
SRE Con I	" 82 S.Bennett	"	Dec. 19, 1964	4	7	16	15	"	D,S	Gravel 9; sand 57; brown limestone 60. Water at 60.
SRE Con I	" 87 H.Rienkin	A.Loucks	Sep. 20, 1965	4	8	60	45	"	D	Gravel boulders 69; limestone 73. Water from 70 to 73.
SRE Con I	" 91 J.Eagles	"	July 2, 1964	4	12	60	40	"	D	Yellow gravel boulders 85; yellow limestone 92. Water from 85 to 92.



GREY COUNTY - cont.											
Holland Twp. - cont.											
Sydenham Road East & West											
SRE Con II	lot 7	McKinley Trans- port Co.	M. Bellerby	July 2, 1964	5	8	26	24	Fresh	S	Hardpan gravel 50; white limestone 107. Water at 106.
SRE Con II	" 13	"	"	June 15, 1965	4	8	22	18	"	D	Stony brown clay 40; white limestone 65. Water at 63.
SRE Con II	" 16	A. Beltrnes	A. Loucks	Sep. 27, 1960	4	9	113	10	"	D, S	Boulders 115; shelly rock 125. Water from 115 to 125.
SRE Con II	" 48	J. Hamilton	"	Oct. 19, 1966	4	14	60	45	"	D, S	Dug well 24; stony gravel 108; limestone 122. Water from 115 to 122.
SRE Con III	" 13	D. Taylor	"	Nov. 18, 1964	4	15	35	28	"	D, S	Dug well 30; clay gravel 48; limestone 80. Water from 70 to 80.
SRE Con III	" 31	G. Herman	"	Sep. 15, 1964	4	7	30	25	"	D, S	Boulders 115; shelly rock 125. Water from 115 to 125.
SRE Con IV	" 9	R. McGowan	"	Sep. 22, 1964	4	10	50	30	"	D	Gravel stones 38; blue grey limestone 93. Water from 80 to 93.
SRW Con I	" 13	B. Curtis	"	May 12, 1966	5	3	65	30	"	D	Clay gravel stones 51; limestone 80. Water from 70 to 80.
SRW Con I	" 14	School Area Board	D. Wright	Jan. 28, 1964	5	15	175	Flows	"	P	Clay gravel boulders 32; brown limestone 108; greyish white limestone 210. Water from 160 to 200.
SRW Con I	" 15	Holland Twp.	R. & S. Wright	July 12, 1967	5	10	22	2	"	C	Gravel stones 37; brown limestone 41; brown sand 42; brown limestone 70; blue limestone 106; grey limestone 109; blue limestone 110. Water at 70 and 106.
SRW Con I	" 31	L. Patton	D. Wright	Jan. 29, 1964	5	8	30	12	"	D	Clay gravel boulders 57; brown limestone 117. Water from 95 to 112.
SRW Con I	" 60	M. Close & R. McKee	W. Wright	June 11, 1967	5	5	25	20	"	D	Clay gravel stones 50; clay gravel 75; brown limestone 88. Water at 85.
SRW Con I	" 72	E. Weichert	Durham Drlg. & Enterprises Ltd.	Nov. 29, 1966	4	12	25	24	"	D, S	Topsoil 1; hardpan boulders 22; hardpan 30; hard brown rock 60. Water from 55 to 60.
Keppel Twp.											
Colpoy's Range											
CR	lot 18	H. DeGeer	D. Wright	Dec. 13, 1966	7			Flows	Fresh	D	Topsoil 2; grey shale 18; blue shale 25. Water at 18.
CR	" 25	K. Wright	"	Jan. 4, 1967	5		17	16	"	D	Shale 5; grey shale 25; blue shale 35. Water at 34.
CR	" 26	W. Cheshire	A. Wright	Sep. 1, 1967	5	1	70	28	"	Ir	Rock 35; blue shale 40; red shale tiers rock 75. Water from 55 to 70.
CR	" 41	S. Johnson	L. & A. Wright	Aug. 13, 1964	5		70	50	"	D	Blue shale 25; red shale 50; blue shale rock 70. Water at 60.
Con A	" 26	J. Buckley	W. Wright	Aug. 25, 1967	5	5	90	5	"	D	Clay 5; dark brown limestone 50; bluish white limestone 90; dark brown limestone 96; blue shale 103; red shale 110. Water at 60 and 100.
Con V	" 17	L. Cameron	D. Wright	July 23, 1964	5	5	40	25	"	D	Loose rock 15; brown limestone 72. Water at 68.
Con V	" 17	Owen Sound Ledgerock	L. & A. Wright	July 7, 1964	5	24	31	4	"	In	Broken rock 2; brown rock 31. Water at 8 and 28.
Con V	" 18	R. Sylvest	W. Wright	June 16, 1967	5	7	45	15	"	D	Boulders 22; brown limestone 67. Water at 60.
Con VI	" 5	C. Danard	D. Wright & Sons	Dec. 14, 1966	5	18	18	15	"	D	Clay stones 7; black rock 43. Water from 38 to 40.
Con VI	" 13	D. Leonard	R. & S. Wright	July 5, 1965	5	5	50	30	"	D	Brown sandy soil stones 13; brown limestone 16; grey limestone 60. Water at 56.
Con VI	" 15	I. McKinnon	W. Wright	Nov. 21, 1967	5	4	70	12	"	D	Clay stones 15; brown limestone 70; blue limestone 89. Water at 40 and 80.
Con VI	" 16	S. McWay	R. & S. Wright	Sep. 23, 1964	4	5	60	35	"	D	Clay stones 12; grey limestone 35; blue limestone 71. Water at 70.
Con IX	" 4	A. Piper	D. Wright & Sons	June 11, 1964	5	5	20	12	"	D	Sand 25; brown limestone 71. Water at 65.
Con XI	" 25	E. Earnhart	"	Oct. 3, 1966	5	18	12	12	"	D	Loose limestone 12; grey limestone 40. Water at 38.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Keppel Twp. - cont.										
Con XII lot 25	G. & J. Belanger	W. Wright	Aug. 14, 1967	5	10	18	12	Fresh	D	Clay stones 8; dark brown limestone 51. Water at 48.
Con XIII " 26	E. Taylor	R. & S. Wright	Sep. 11, 1965	5	3	35	8	"	D	Black soil 2; brown limestone 12; grey limestone 42. Water at 20 and 35.
Con XIV " 23	W. Brown & Son	A. Loucks	Apr. 19, 1967	5	20	15	12	"	D	Stony gravel till 7; limestone 45. Water from 35 to 45.
Con XIV " 23	S. Aylett	D. Wright & Sons	June 17, 1965	5	5	12	5	"	D	Clay 5; brown limestone 48. Water at 45.
Con XIV " 23	P. Yardley	"	June 19, 1965	5	5	11	4	"	D	Clay 5; brown limestone 49. Water at 45.
Con XV " 2	K. Smith	"	July 11, 1966	5	8	40	9	"	D	Brown clay boulders 12; grey limestone 86. Water at 45 and 80.
Con XV " 8	J. West	"	Aug. 1, 1966	5	5	119	23	"	D, S	Gravel stones 20; brown limestone 120. Water at 65 and 115.
Con XV " 9	C. Charlton	"	Dec. 22, 1966	5	14	65	38	"	D, S	Clay boulders 40; grey limestone 150; bluish white limestone 213. Water at 80 and 205.
Con XVIII " 21	J. Patterson	L. & A. Wright	Dec. 2, 1964	5	2		17	"	D, S	Clay stone 8; limestone 90; blue shaly rock 100. Water at 30.
Con XX " 3	J. Wortowicz	R. & S. Wright	Mar. 3, 1964	4 1/2	20	10	4	"	D	Hardpan stones 8; hard clay 12; white limestone 43. Water at 43.
Con XX " 36	D. West	D. Wright & Sons	Aug. 16, 1966	5	2	54	8	"	D, S	Shale rock 30; blue shale 45; red shale 54. Water from 35 to 45.
Con XXI " 41	P. Davenport	R. & S. Wright	Sep. 1, 1966	4 1/2	5	13	8	"	D, S	Dug well 13; grey limestone 34.
Con XXI " 15	A. Christie	A. Wright	Aug. 12, 1967	5	1 1/2	45	37	"	D	Clay stone 12; grey rock 46. Water at 22 and 45.
Con XXI " 40	Dr. R. Fos	D. Wright & Sons	May 26, 1964	5	7	20	19	"	D	Loose rock 14; grey limestone 85. Water at 70.
Con XXVI " 25	D. Johnston	R. & S. Wright	Feb. 9, 1965	5	2	85	35	"	D	Brown sandy soil 3; brown limestone 60; grey limestone 75; blue limestone 85. Water at 83.
Georgian Range " A	R. Peterson	"	Aug. 12, 1966	5	5	20	12	"	D	Blue clay stones 7; hard shale rock layers 30 1/2. Water from 15 to 30.
GR " A	H. Spillner	"	Aug. 16, 1966	5	5	20	8	Salty	D	Topsoil stones 5; blue shale layers rock 30. Water from 15 to 30.
GR " A	V. Birk	"	Aug. 23, 1966	5	4	20	10	"	D	Stones topsoil 4; blue shale 13; layers rock shale 25. Water from 20 to 25.
GR " A	B. Harm	"	June 2, 1965	5	1	52	30	Fresh	D	Stones shale 4; layers rock shale 52. Water from 30 to 52.
GR " A	A. Vane	"	June 7, 1965	5	1 1/2	50	25	"	D	Topsoil stones 4; layers rock shale 50. Water at 50.
GR " A	J. Morrison	"	June 26, 1965	6	3	25	10	"	D	Stones topsoil 3; hard blue shale 6; rock shale 37. Water from 34 to 37.
GR " A	R. Rein	"	July 28, 1965	5	1 1/2	30	10	"	D	Topsoil stones 5; hard blue shale 35. Water at 35.
Jones Range " 8	J. Cameron	L. & A. Wright	Aug. 18, 1964	5	4	90	54	"	D	Clay 76; rock red shale blue clay 90. Water at 80.
JR " 10	H. Ferguson	R. & S. Wright	Oct. 4, 1967	5	5	52	22	Mineral	D	Gravel stones 6; grey clay 34; grey limestone 55; brown limestone 57; grey limestone 60. Water at 57.
Olipphant Road North & South										
ORN Con I " 34	W. Brown	D. Wright & Sons	Sep. 8, 1965	5	10	20	10	Fresh	F	Clay gravel boulder 28; brown limestone 83. Water from 45 to 75.
ORS Con I " 34	Johnson	R. & S. Wright	Sep. 10, 1966	5	5	5	39	"	D	Brown clay stones 34; brown limestone 60; grey limestone 74 1/2. Water at 65.
ORS Con II " 1	N. Hutchison	W. Wright	July 15, 1967	5	5	80	6	"	D	Limestone 85; blue shale 93; red shale 104. Water from 60 to 93.
ORS Con II " 10	L. Taylor	R. & S. Wright	Aug. 8, 1964	4	2 1/2	86	25	"	D	Topsoil stones 22; grey limestone 96. Water at 54 and 94.
ORS Con II " 10	"	"	July 31, 1967	5	3	145	20	"	D	Hardpan big stones 22; brown limestone 45; light grey limestone 65; blue limestone 156; blue shale 157. Water from 80 to 156.
CRS Con II " 29	Wardrope & Buckley	D. Wright & Sons	Sep. 1, 1966	5	12	65	35	"	In	Sand gravel 36; loose limestone 50; brown limestone 100. Water at 90.
ORS Con II " 30	J. Lambertus	W. Wright	Aug. 5, 1967	5	3	115	35	"	D	Sand 30; clay gravel stones 47; brown limestone 90; bluish white limestone 121. Water at 90.

GREY COUNTY - cont.  
Markdale Village

		R.Bartkiw	A.Loucks	Nov.12,1964	4	10	20	2	Fresh	D	Gravel boulders 12;limestone 70. Water from 50 to 70.
Meaford Town		R.Bowles	D.Sewell	Sep. 3,1965	4	1	175	Flows	Fresh	D	Topsoil 2;soft clay 50;gravelly clay stones 147;silty clay 155 clay 175;grey gravelly clay 225;silty sand 260;rock 268. Water at 147 and 260.
Neustadt Village		A.Wagner	E.Keeso	Mar.25,1964	4	8		Flows	Fresh	D,S	Soft brown clay streaks fine gravel 128;hard brown shale 139; soft brown limestone streaks blue shale 157. Water from 155 to 157.
		A.Ries	Durham Drlg.	June19,1964	4	10	25	"	"	D	Topsoil 1;blue clay 118;silt sand 119;soft blue clay 132; coarse sand gravel 133. Water from 119 to 133.
		H.Lamont	E.Keeso	July13,1966	4	15		"	"	D	Gravel 4;soft clay 71;sandy clay 84;sand 87;sandy clay 94;blue sand 98;blue gravel 103. Water at 103.
		E.Lantz	"	July18,1966	4	15	8	2	"	D	Gravel 11;brown shale 27;blue brown shale 37;blue limestone 38 Water at 38.
		Commercial Hotel	"	July23,1966	4	4	5 1/2	Flows	"	P	Clay gravel 16;sandy gravel clay 24;white blue shale 33;white limestone 46. Water from 42 to 46.
		W.Hennson	"	Sep.14,1966	4						Soft clay 131;blue shale 156;blue limestone 211. Dry hole.
		E.Lantz	"	Sep.20,1966	4	15	18	3	"	S	Clay 19;coarse gravel stones 31;blue shale 34;brown blue limestone 47. Water at 47.
		S.Fiddler	"	Sep.28,1966	4	12	12	3	"	D	Dug well 11;clay 27;brown shale 42;brown limestone 43. Water at 43.
		E.Rody	"	Mar.10,1967	7	15		Flows	"	C	Gravel stones 6;brown shale 21;hard grey limestone 48. Water at 48.
		L.Gutzkte	"	Apr. 1,1967	4	4	20	"	Sulphur	D	Clay stones 31;hardpan 49;blue shale 59;blue limestone 119. Water at 119.
		A.Kaufman	"	Oct.28,1967	4	10	15	3	Fresh	D	Clay 16;gravel 24;blue shale 31;blue limestone 37. Water from 34 to 37.
Normanby Twp.											
Con I	lot 8	E.Bawn	Fratt Bros.	Nov. 5,1964	4	6	58	36	Sulphur	D,S	Sand 46;sandy hardpan 172;gravel 173. Water at 173.
Con I	" 30	J.Horrigan	Durham Drlg. & Enterprises Ltd.	Oct.20,1966	4	10	33	18	Fresh	D,S	Topsoil 1;hardpan boulders 23;hardpan 35;brown clay 67;gravel 70;hard brown rock 103. Water from 95 to 103.
Con II	" 17	A.Marshall	G.L.Davidson	Oct.24,1964	4	12	54	45	"	D,S	Dug well 26;hardpan 56;stony gravel sand 110;hardpan 126; shale 134;brown rock 137. Water at 137.
Con IV	" 30	Dr.V.Ovens	E.Keeso	Aug.14,1965	4	12	55	38	"	D	Sand gravel 5;soft clay stones 19;hard brown shale 38;hard brown limestone 59. Water from 57 to 59.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Normanby Twp. - cont.										
Con VI lot 22	H.DeGreet	Durham Drlg. & Enterprises Ltd.	Mar.29,1966	4	20	20	10	Fresh	S	Topsoil 1;brown blue clay 25;sand gravel 30;brown limestone 56 Water from 48 to 56.
Con VII " 11	E.Stemler	E.Keeso	June27,1964	4	15	39	37	"	D,S	Clay 9;hardpan stones 34;blue shale 43;blue brown limestone 107. Water at 107.
Con VIII " 16	Fisher Poultry Farm Ltd.	"	June 4,1966	4	15	38	14	"	S	Sandy clay 21;sandy gravel 39;brown clay 91;blue shale 97; blue limestone 134. Water at 131 to 134.
Con IX " 16	J.Doest	Water Well Drlg.	May 12,1967	5	10	15	12	"	D	Clay 15;gravel 19;grey limestone 53. Water at 52.
Con X " 15	Vlg. Ayton	"	Jan.22,1966	5	10	37	37	"	P	Previously drilled 55;grey limestone 104. Water at 100.
Con X " 15	C.Pfeffer	E.Keeso	Dec.24,1964	4	14	30	29	"	D	Brown clay boulders 17;brown clay shale 38;brown limestone 62. Water at 62.
Con X " 15	G.Widmeyer	"	June19,1965	4	12	63	40	"	D	Gravel clay 8;hard brown shale 32;blue shale 40;blue brown rock 83. Water from 78 to 83.
Con X " 15	Normanby Twp	Water Well Drlg.	May 9,1967	5	15	90	80	"	P	Hardpan 35;sandstone 42;grey limestone 137. Water at 135.
Con X " 16	M.Fisher	E.Keeso	Apr. 3,1964	4	12	30	22	"	D	Dark brown topsoil 3;soft brown clay 12;hard brown shale 33; soft blue shale 36;hard brown limestone 61. Water at 59 and 61.
Con X " 16	E.Wettlaufer	"	Nov.25,1964	4	14	28	24	"	D	Brown clay 14;brown shale 41;brown limestone 76. Water at 76.
Con X " 16	V.Eisenbach	"	Aug.26,1965	4	15	29	27	"	D	Yellow clay stones 11;sandy gravel 19;yellow shale 38;blue yellow limestone 82. Water from 80 to 82.
Con X " 16	W.Priebe	Pratt's Well Drlg.	Nov.30,1965	4	7	30	29	"	D	Sand gravel 29;brown shaly rock 50;blue shale 58. Water at 58.
Con X " 16	N.Koenig	E.Keeso	June29,1965	4	15	26	21	"	D	Gravel clay stones 13;hard brown shale 30;blue shale 35;blue brown limestone 74. Water from 69 to 74.
Con X " 16	L.Becker	"	July27,1967	4	12	38	34	"	D	Gravel clay 21;brown shale 52;brown limestone 80. Water at 80.
Con X " 16	M.Cashin	"	Sep. 2,1967	4	12	30	26	"	D	Sand clay 21;brown shale 36;brown limestone 77. Water at 77.
Con X " 17	R.Darbecker	"	June24,1966	4	12	85	68	"	D	Clay stones 12;gravel clay 27;blue shale 49;blue brown shale 95;blue brown limestone 113. Water from 110 to 113.
Con XI " 16	Normanby Central School	"	July27,1964	7	45	46	34	"	P	Dark brown topsoil 3;gravel clay 11;hard brown shale 49;blue brown limestone 131. Water at 128 and 131.
Con XI " 17	P.Tone	G.Davidson	Apr. 7,1966	5	10	38	33	"	D,S	Topsoil 1;sand clay 8;shale gravel 30;brown hard limestone 36; shale medium soft blue limestone 74;brown blue hard soft limestone 97. Water at 97.
Con XII " 16	T.Fischer	"	Aug.13,1965	4	10	30	31	"	D	Hardpan stones 51;shale 56;grey rock 60;blue rock 79. Water at 79.
Con XIV " 4	Allied Meat Enterprises	E.Keeso	Jan.17,1964	4	22	24	13	"	T	Soft brown clay 123;blue brown shale 126. Water at 126.
Con XIV " 4	"	"	Feb.28,1964	7	207	74	8	"	In	Brown clay 123;blue brown shale 126. Water at 126.
Con XIV " 5	A.Schaus	K.Mighton & Son	Aug.27,1964	4	13	22	22	"	D	Open hole 18;blue clay 110;gravel 119. Water at 119.
Con XIV " 11	A.Helwig	E.Keeso	Dec.13,1966	4	13	22	22	"	D,S	Gravel stones 15;brown shale 37;blue shale clay 55;blue limestone 56. Water at 56.
Con XV " 3	J.Montag	"	June 7,1967	5	40	45	40	"	D,S	Brown clay 34;brown sandy shale 57;blue shale 75;blue limestone 83. Water at 83.
Con XVI " 13	H.Weppler	"	June19,1967	4	14	40	30	"	D,S	Clay 28;gravel sandv clay 49;brown shale 71;blue shale 84; blue limestone 119. Water from 84 to 119.
Con XVI " 18	A.Schenk	"	May 21,1964	7	14	35	32	"	D,S	Dug well 54;soft blue clay 59;hardpan 70;hard brown shale 87; hard blue shale 92. Water from 87 to 92.

GREY COUNTY - cont. Normanby Twp. - cont. Con XIV lot 21 P.Grubb E.Keeso Aug.19,1966 4 15 34 30 Fresh D,S											
Clay 9;sand 31;clay sand 57;blue shale 65;blue limestone 68. Water from 65 to 68.											
Con XVII	5	A.Gauz	"	"	"	"	"	"	"	"	"
Con XVIII	2	G.Hundt	"	Sep.26,1966	4	13½	30	18	"	D,S	Water at 88. Clay gravel 14;soft clay 61;brown shale 82;brown limestone 105. Water at 105.
Con XVIII	11	H.Weidner	Durham Drlg. & Enterprises	Aug. 6,1964	4	20	20	16	"	D,S	Topsoil 3;sandy clay 50;grey clay 70;clay boulders 90;quick-sand 100;sand gravel 104;grey shale 118. Water from 90 to 116.
Con II GRW	31	Boy Scouts, Windsor	E.Keeso	Aug.25,1967	5	12	130	92	"	D	Gravel 21;sandy gravel stones 87;gravel hardpan 169;sand 204; gravel sand 221;brown shale 232;brown limestone 287. Water at 287.
Con III GRW	9	W.Marshall	Durham Drlg. & Enterprises Ltd.	Oct.26,1966	4	15	16	15	Sulphur	D,S	Topsoil 1;hardpan stones 10;hardpan clay 42;blue shale 61. Water from 55 to 61.
Con III GRW	72	E.Braun	E.Keeso	July13,1965	4	10	82	70	Fresh	D,S	Dug well 35;hardpan 92;hard brown shale 112;hard blue brown shale sand 148;blue limestone 151. Water from 148 to 151.
Osprey Twp. Con A	lot 10	L.McMahon	K.Mighton & Sons	Aug.23,1967	4	6	40	17	Fresh	D	Topsoil 1;clay 2½;crumbly shale 3½;white limestone 52. Water at 30,46 and 52.
Con A	10	D.Edwards	"	Sep.16,1967	4	4	35	15	"	D	Topsoil 1;stone clay 2½;grey limestone 50. Water from 20 to 50.
Con A	15	Carmarthon Lake Farm	"	June15,1967	6	30	31	29	"	S	Hard clay large stones 25;light clay 27;white shale 32;hard white limestone 57;brown limestone 60. Water at 40 and 59.
Con A	16	J.Atkinson	A.Loucks	Oct.29,1965	5	10	35	25	"	D,S	Clay gravel 23;broken rock 38;limestone 55. Water from 50 to 55.
Con A	10	J.Schwandt	K.Mighton & Son	May 14,1966	4	5	60	10	"	D	Topsoil 1;clay 3;shale 4½;brown limestone 10;white limestone 95;blue limestone 100;brown limestone 105. Water at 50, 83 and 105.
Con V	15	S.Carr	D.Sewell	June17,1967	4	30	12	2½	"	D	Topsoil 2;brown clay 12;sandy till 18;sandy gravel 22;gravel 28;sandy clay 33. Water at 12, 18, 22 and 28.
Con V	22	D.McIntyre	Pratt's Well Drlg.	Apr.23,1965	4	9	9	7	"	D,S	Clay stones 21;loose gravel sand 64;brown limestone 70. Water at 70.
Con V	31	W.Buttrass	"	Apr.12,1966	4	8	33	32	"	D	Clay stones 34;brown limestone 58. Water at 50.
Con V	35	J.Allen	D.Sewell	Sep.10,1967	4	4	44	34	"	D	Topsoil 1;gravelly clay 19;gravelly till 42;coarse sand gravel 47. Water from 42 to 47.
Con VI	13	J.Wright	Pratt's Well Drlg	June22,1965	4	6½	72	70	"	D,S	Clay boulders 83;brown limestone 100. Water at 100.
Con VI	26	J.Winters	K.Mighton & Sons	Apr. 7,1967	4	5	40	35	"	D,S	Topsoil 1;large stones clay 20;gravelly clay 30;crumbly white shale 40;brown limestone 105. Water at 50, 65, 85 and 105.
Con VII	5	H.Collingridge	D.Sewell	Apr.17,1967	5	10	40	21	"	In	Topsoil 2;brown limestone 60. Water at 40, and from 50 to 60.
Con VII	12	R.Hawkins Osprey Twp School Area	Durham Drlg. & Enterprises	July30,1964	7	30	27	27	"	P	Topsoil 2;hardpan gravel 25;hard brown limestone 76. Water at 50 and 75.
Con VII	23	M.McIntyre	Pratt's Well Drlg.	Apr.19,1965		7	70	66	"	D,S	Previously drilled 82;brown limestone 101. Water at 100.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Osprey Twp. - cont. Con VIII lot 6	K. Hawkins	Pratt Bros.	Nov.12,1962	4	2	140	95	Fresh	D,S	Hardpan boulders 33;brown limestone 142;white limestone 160. Water at 105.
Con IX "	9 G.Boyce	Durham Drlg. & Enterprises	Nov.17,1964	4	15	40	32	"	D,S	Drilled well 38;hard grey rock 42;soft brown rock 70;hard brown rock 76. Water from 38 to 75.
Con IX "	16 J.Crawford	Pratt's Well Drlg.	June 6,1966	4	8	56	55	"	D	Gravel 6;cream coloured limestone 36;white limestone 88. Water at 88.
Con IX "	16 R.Wickens	"	Apr. 5,1966	4	8	70	45	"	D	Clay stone 31;brown limestone 55;white limestone 99. Water at 58 and 95.
Con IX "	16 E.Sammons	Pratt Bros.	Feb.14,1964	4	6	80	74	"	D	Gravel 27;creamy soft limestone 90;white limestone 105. Water at 105.
Con IX "	17 Vlg. Feversham	K.Mighton & Sons	Sep.22,1966	4	15	12	3	"	P	Topsoil 1;clay 2;shale 4;white limestone 57. Water from 14 to 57.
Con IX "	31 A.Mueller	M.Bellerby	Sep.18,1964	4	7 1/2	32	30	"	D	Stony gritty clay 40;white limestone 55. Water at 52.
Con X "	10 D.McIntyre	Pratt's Well Drlg.	June 10,1965	4	6 1/2	41	40	"	D,S	Clay boulders 82;cream coloured limestone 70. Water at 70.
Con XII "	9 Dr.Bzadki	Durham Drlg. Enterprises Ltd.	Dec. 1,1967	4	10	60	26	"	D	Topsoil 1;hardpan boulders 24;hard white limestone 96. Water from 86 to 96.
Con XII "	10 G.Goode	K.Mighton & Son	May 29,1965	4	10	40	35	"	D	Topsoil 1;hard clay 18;sand 22;white limestone 75;brown limestone 78. Water from 70 to 78.
Con XIII "	31 J.Thomson	Pratt's Well Drlg.	May 4,1966	4	8	33	32	"	D	Clay stones 42;brown limestone 67. Water at 38 and 65.
Con XIII "	33 J.Turner	A.Loucks	Aug.25,1964	5	8	75	65	"	D	Topsoil 8;limestone 98;red shale 103. Water at 103.
Con XIV "	8 E.Corbett	D.Sewell	May 19,1967	4	10	30	17	"	D	Topsoil 1;stony brown loam 9;limestone 44. Water at 22 and 40.
Con XIV "	20 R.Davidson	Pratt's Well Drlg.	June 14,1965	5	12	6	5 1/2	"	D	Clay stones 15;brown limestone 19. Water at 19.
DRN Con I "	15 G.Bargrave	Durham Drlg. & Enterprises Ltd.	Feb.17,1964	4	20	40	30	"	D,S	Topsoil 4;boulders 30;hard gravelly clay 50;sandy clay 75; hard clay 100;sandy clay 110;gravel 124;grey rock 140. Water from 124 to 140.
DRN Con I "	21 G.Davison	Pratt Bros.	Oct.24,1964	4	7	38	35	"	D,S	Clay boulders 36;hardpan 127;brown limestone 145. Water at 145.
DRN Con I "	38 D.Dohrmann	Durham Drlg. & Enterprises Ltd.	Aug.15,1966	4	18	16	8	"	D	Topsoil 1;hardpan 51;hard brown rock 74. Water from 68 to 74.
DRN Con I "	48 G.Henshel	A.Loucks	Sep.23,1966	4	10	24	20	"	D,S	Boulders gravel 40;limestone 42. Water from 40 to 42.
DRN Con II "	24 R.Lewis	Durham Drlg. & Enterprises Ltd.	Jan.19,1965	4	10	50	36	"	D,S	Open hole 32;sandy clay 100;sand 126;hard brown rock 129. Water from 126 to 129.
DRN Con II "	38 K.Weatherall	"	Feb.12,1965	4	15	38	35	"	D,S	Topsoil 3;gravel boulders 25;yellow sand 65;sandy clay 74; brown rock 104. Water from 90 to 104.
DRN Con II "	5	Pratt Bros.	Feb.18,1964	4	7	30	30	"	D,S	Sand 31;brown shaly rock 46. Water at 33.
DRN Con III "	61 D.McIntyre	Durham Drlg. & Enterprises Ltd.	Aug.18,1964	4	10	72	56	"	D,S	Topsoil 3;gravel boulders 41;hard brown rock 70;hard white rock 118. Water from 50 to 118.
DRS Con I "	7 G.Handzik	Pratt's Well Drlg.	Apr. 8,1965	4	7	23	22	"	D,S	Clay stones 28;grey hardpan 78;brown limestone 101. Water at 101.
DRS Con I "	12 D.Lepard	Pratt Bros.	Oct.16,1964	4	6	35	32	"	D,S	Clay boulders 28;hardpan layers gravel quicksand 119;brown shaly rock 123. Water at 123.
DRS Con I "	27 W.Maxwell	G.Blakey	Nov. 7,1966	4 1/2	5	26	26	"	D,S	Old dug well 36;grey clay sand 60;fine gravel 70;coarse gravel 81. Water from 60 to 81.
DRS Con I "	27 "	"	Nov. 7,1966	4 1/2	5	26	26	"	D,S	Old dug well 36;grey clay sand 60;fine gravel 70;coarse gravel 81. Water from 60 to 81.
DRS Con II "	78 R.Gibson	Durham Drlg. & Enterprises	Jan.30,1965	4	3	120	52	"	D,S	Open hole 45;grey rock 100;brown rock 150;white rock 200;grey rock 214. Water from 150 to 214.

## GREY COUNTY - cont.

Osprey Twp. - cont.

Durham Road South cont.

DRS Con III Lot 49 P.Jaeger

			Durham Drlg. & Enterprises Ltd.	May 31, 1965	4	15	17	16	Fresh	D	Topsoil 1; hardpan boulders 27; hard white limestone 62. Water from 50 to 62.
DRS Con III	" 49	R. Anderson	"	May 15, 1967	4	15	33	33	"	D	Gravel boulders 37; hard grey rock 75. Water from 70 to 75.
DRS Con III	" 61	C. Miller	"	Dec. 17, 1967	4	15	33	33	"	D	75 to 86.
DRS Con III	" 61	B. Dobson	"	Oct. 10, 1967	4	15	15	11	"	D	Topsoil 1; hardpan boulders 22; sand gravel 32. Water from 28 to 32.
Owen Sound City		M. Brett	D. Wright	Oct. 15, 1964	7	1	70	15	Fresh	D	Quarry limestone 25; blue shale 32; red shale 72. Water at 30.
Proton Twp.											
Con I	lot 3	D. Ferguson	Durham Drlg. & Enterprises Ltd.	Mar. 24, 1966	4	10	30	8	Fresh	D, S	Topsoil 1; brown hardpan 69; hard brown rock 120. Water from 115 to 120.
Con II	" 18	R. Bidsdale	Water Well Drlg.	Aug. 24, 1966	5	15	30	25	"	D, S	Brown clay 42; hardpan 105; brown crumbling limestone 107; grey limestone 202. Water at 200.
Con II	" 39	J. Hunger	Durham Drlg. & Enterprises Ltd.	Aug. 3, 1965	4	15	27	22	"	D, S	Open hole 28; hardpan 48; hard grey rock 63. Water from 58 to 63.
Con III	" 39	J. Rodger	"	Aug. 11, 1965	4	10	34	26	"	D, S	Topsoil 1; hardpan boulders 45; hard grey rock 62. Water from 55 to 62.
Con III	" 40	M. Jakubowski	"	Sep. 3, 1965	4	12	18	16	"	D, S	Topsoil 2; clay boulders 33; brown rock 64. Water from 60 to 64.
Con IV	" 4	H. Crannie	"	Feb. 17, 1964	4	20		Flows	"	D	Topsoil 2; hard clay 20; sand 30; clay 40; sand 46; hard grey rock 79. Water from 50 to 79.
Con IV	" 20	V. Ellis	Water Well Drlg.	Jan. 18, 1965	4	8	48	48	"	D, S	Topsoil 3; clay 35; sand 60; fine gravel 90; quicksand 95; grey clay 110; hardpan boulders 123; grey limestone 180. Water at 175.
Con V	" 25	A. Phelan	G. L. Davidson	Aug. 9, 1967	4	30	55	35	"	D, S	Topsoil fill 2; soft clay stones gravel streaks 16; sand clay gravel streaks 91; hardpan 102; blue grey hard limestone 125. Water at 125.
Con V	" 30	E. Galbraith	Durham Drlg. & Enterprises Ltd.	Oct. 27, 1967	4	20	17	14	"	D, S	Topsoil 3; gravel boulders 40; hardpan 50; gravelly clay 65; hard grey rock 79. Water from 70 to 79.
Con VI	" 28	E. & T. Murphy	G. L. Davidson	Jan. 10, 1966	4	15	20	18	"	D, S	Topsoil 3; gravel 12; stony hardpan 38; sand gravel 48; grey blue soft shale 55; buff grey-brown rock 84. Water at 84.
Con VI	" 30	E. Kielau	Bender & Titus	Dec. 29, 1964	4	5	20	3	"	D	Topsoil 2; clay hardpan stone 16; hardpan 22; gravel 24. Water from 22 to 24.
Con VIII	" 20	M. Stillinger	Durham Drlg. & Enterprises Ltd.	July 13, 1967	4	20	25	10	"	D, S	Topsoil 3; sandy clay 20; stony clay 30; sand gravel 60; hard white rock 70; hard grey rock 107. Water from 95 to 107.
Con VIII	" 22	A. Turkis	"	Apr. 28, 1965	4	20	20	16	"	D, S	Topsoil 3; sandy clay 30; gravel clay 60; sand gravel 65; brown rock 70. Water from 65 to 70.
Con IX	" 7	P. Deter	"	Sep. 12, 1967	4	5	75	10	"	S	Topsoil 3; boulders 63; clay 64; hard white rock 128. Water from 110 to 128.
Con IX	" 8	C. Heuser	"	Aug. 29, 1967	4	20	15	9	"	D, S	Topsoil 3; yellow sand 15; gravel boulders 25; grey clay 35; hardpan boulders 52; brown rock 65. Water from 60 to 65.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Proton Twp. - cont.										
Con IX lot 14	T.Tadovic	Durham Drlg. & Enterprises Ltd.	Aug. 6, 1966	4	2	60	18	Fresh	D,S	Topsoil 1;hardpan 6;hardpan stones 90;gravel 103;hard white rock 156. Water from 140 to 156.
Con IX " 15	H.Rowe	"	Sep.21,1965	4	15	30	20	"	D,S	Topsoil 2;yellow brown hardpan 48;sand gravel 76;hard grey rock 100. Water from 95 to 100.
Con XII " 2	A.Watson	K.Mighton & Son	Nov. 4, 1964	4	15	40	38	"	D,S	Open hole 28;coarse yellow gravel 48;yellow sand 84;coarse gravel 86. Water from 85 to 86.
Con XII " 21	J.Scott	Davidson's Well Drlg.	Aug. 8, 1967	4	4	125	90	"	D,S	Topsoil 1;clay stones 4;sand 6;clay stones 70;stony hardpan 112;soft hardpan 128;grey hard limestone 185;brown hard limestone 262. Water at 230 and 262.
Con XII " 33	J.MacInnes	Durham Drlg. & Enterprises Ltd.	Aug.12,1966	4	20	20	10	"	D	Topsoil 1;hardpan boulders 73;hard brown limestone 98. Water from 90 to 98.
Con XIV " 5	K.Fell	G.L.Davidson	Nov. 6, 1964	4	8	55	50	"	D,S	Topsoil 1;clay stones 62;hardpan stones 118;grey hard limestone 175;brown hard limestone 187. Water at 187.
Con XV " 7	D.Ferguson	"	July25,1967	4	6	52	30	"	D,S	Topsoil 1;clay stones 32;gravel stones 112;grey hard limestone 173;brown hard limestone 217. Water at 172, 202 and 217.
Con XV " 16	J.Milliner	Davidson WellDrlg.	July21,1967	4	15	25	15	"	D,S	Topsoil 1;sandy clay stones 14;stony hardpan 67;gravel 91;stony hardpan 129;blue hard limestone 144;grey hard limestone 171. Water at 171.
Con XVI " 17	L.Black	Pratt Bros.	Apr.29,1964	4	6	17	11	"	D,S	Clay boulders 30;hardpan 118;white limestone 232. Water at 232.
Con XVI " 25	M.Keating	G.L.Davidson	July25,1967	4	16	28	14	"	D,S	Topsoil 1;clay stones 18;silty gravel boulders 79;hardpan boulders 101;grey hard limestone 142. Water from 139 to 142.
Con XVII " 1	G.Effinger	Pratt's Well Drlg.	Aug. 1, 1966	4	8	32	30	"	D,S	Blue clay 87;blue hardpan 148;blue coloured limestone 173. Water at 173.
Con XVII " 12	M.Pallister	Pratt Bros.	Mar. 2, 1964	4	7	35	34	"	D,S	Clay boulders 28;hardpan 130;brown limestone 146. Water at 146.
Con XVII " 15	R.Black	G.L.Davidson	Nov. 9, 1967	4	14	25	20	"	D,S	Topsoil 1;clay stones sand 22;gravel hardpan stones 122;grey hard limestone 168;white grey hard limestone 187. Water at 187.
Con XIX " 13	L.Hiltz	Durham Drlg. & Enterprises	Apr. 8, 1965	4	10	20	20	"	D,S	Topsoil 2;clay 50;boulders hardpan 60;clay 70;hardpan 80;sand 120;hardpan 125;gravel 133. Water at 133.
Sydenham Road West SRW Con I " 220	W.Walker	A.Loucks	Nov.30,1966	4	5	80	35	"	D,S	Boulders gravel 127;limestone shelf 138;sand gravel 171;hard white limestone 240. Water from 230 to 240.
SRW Con I " 232	A.Rodniewicz	Durham Drlg. & Enterprises	May 26, 1967	4	20	20	10	"	D	Topsoil 1;gravel clay boulders 28;hardpan 66;sand clay boulder 70;hard blue rock 92. Water from 85 to 92.
SRW Con II " 190	"	"	Mar.31,1967	4	20	20	5	"	D	Topsoil 1;clay gravel 20;hardpan stones 26;clay gravel 35;sand gravel 49;hard brown rock 65. Water from 60 to 65.
SRW Con II " 191	O.Pil	Pratt Bros.	July21,1964	4	7	12	11	"	D	Clay boulders 67;brown stone limestone 86. Water at 86.
SRW Con II " 191	O.Robson	Pratt's Well Drlg.	Aug.24,1965	4	8	6	5	"	D	Old well 22;grey hardpan 67;white limestone 77. Water at 77.
SRW Con III " 190	J.McCreary	Durham Drlg. & Enterprises Ltd.	Aug. 2, 1967	4	10	50	2	"	D	Topsoil 3;yellow sand 50;grey sand 60;grey rock 83. Water from 75 to 83.
SRW Con IV " 202	E.Berkis	Davidson WellDrlg.	Aug. 1, 1967	4	16	50	25	"	D,S	Soft clay stones 22;sand gravel 24;clay stones 30;sand 32;stony hardpan 53;gravel 70;hardpan 82;grey hard limestone 112. Water at 112.
SRW Con IV " 227	Redmond Bros.	K.Mighton & Sons	Jan.12,1967	4	15	30	9	"	D,S	Brown clay hardpan ridges 78;pea gravel 80. Water at 79 and 80.



## GREY COUNTY - cont.

St. Vincent Twp.	lot	4	J. Walter	D. Sewell	July 21, 1965	5	4	80	30	Fresh	D	Stony clay 35; gravelly clay 70; clay 85; blue shale 96. Water at 93.
Con I	"	10	C. Clugston	"	Aug. 8, 1967	5	4	58	37	"	D	Clay slabs shale 41; blue shale 57. Water at 42, 44, 51 and 52.
Con III	"	12	Continental Tile & Brick Co	W. Wright	Dec. 1, 1967	8	3	150	35	"	In	Clay 9; blue shale 180. Water from 140 to 150.
Con IV	"	10	B. Almond	D. Sewell	Oct. 24, 1967	5	2	58	17	"	D	Topsoil 1; red clay 9; soft red green shale 14; red green shale 61. Water from 27 to 40.
Con IV	"	11	J. Ballard	Durham Drlg. Enterprises Ltd.	June 25, 1964	4	3	60	32	"	D, S	Open hole 15; blue shale layers grey rock 72. Water from 50 to 72.
Con IV	"	11	"	"	Apr. 13, 1965	5	15	15	10	"	D, S	Brown clay 10; blue shale 35. Water from 20 to 25.
Con V	"	4	R. Cann	D. Sewell	Aug. 2, 1966	4						Grey clay stones 38; red clay gravelly 150; blue clay 154; gravelly red clay 160; soft red shale 200. Dry hole.
Con V	"	5	S. Baker	Durham Drlg. & Enterprises Ltd.	Sep. 14, 1965	5	12	65	24	Fresh	D, S	Topsoil 2; clay boulders 15; hard blue rock 30; medium brown shale 70; hard brown shale 90; hard brown shale blue specks 107. Water from 70 to 100.
Con V	"	11	L. Sharpe	R. & S. Wright	May 1, 1965	5	4	40	35	"	D	Brown sandy clay 10; grey shale 60. Water from 10 to 46.
Con V	"	12	A. Irvine	Durham Drlg. & Enterprises Ltd.	Apr. 15, 1965	4	15	30	20	"	D	Sandy clay 10; blue shale 50. Water at 40.
Con VI	"	6	H. Lee	D. Sewell	Aug. 14, 1965	5	2	146	60	"	D	Brown clay 15; gravelly white clay 85; gravelly red clay 110; red shale 127; blue shale 149. Water at 130.
Con VI	"	6	J. Freeborn	"	Aug. 6, 1965	5					N	Topsoil 1; brown clay 15; reddish clay stones 98; gravel 103; clay 145; silty gravel 150; clay 173; clay streaks silt 222. Water from 145 to 150. Unsufficient water.
Con VI	"	9	G. Boyd	"	Sep. 18, 1965	4	5	Flows	Flows	Fresh	D, S	Brown clay 12; grey clay 68; pea gravel 70. Water at 68.
Con VI	"	13	J. Clarke	"	Oct. 13, 1965	5	5	90	74	"	D	Topsoil 4; gravelly clay 107; silty gravel 125; coarse sand gravel 128. Water from 125 to 128.
Con VI	"	22	W. Ellis	A. Loucks	Sep. 15, 1964	4	1		Flows	"	D	Clay boulders 80; clay sand 150; sand fine gravel 175. Water at 175.
Con VII	"	16	R. Clark	D. Sewell	May 13, 1967	5	3	96	26	"	D	Topsoil 1; brown clay stones 25; stony hardpan 91; silty sand 96; grey sand 105. Water from 91 to 105.
Con VII	"	19	L. Walter	A. Loucks	July 24, 1967	5	6	110	60	"	D	Sand 4; red clay 100; blue hardpan 169; gravel. Water at 169.
Con VIII	"	1	K. Sewell	D. Sewell	Sep. 14, 1965	5	2	60	22	"	D, S	Stony clay 1; shaly limestone 20; blue shale 28; red shale 28; red shale 54; blue shale 60; red shale 63. Water at 24 and 60.
Con VIII	"	5	E. Ashby	"	May 14, 1965	4	1	55	12	"	D	Topsoil 1; brown clay 10; red clay 20; red shale 60. Water from 40 to 60.
Con VIII	"	6	B. Bell	"	July 16, 1965	4	10	40	27	"	D	Topsoil 1; soft clay 12; silt 16; gravelly clay 65; silty gravel 70; clay 78; sand 86. Water from 78 to 86.
Con VIII	"	6	C. Tomlinson	"	July 9, 1965	5	7	55	14	"	D	Brown clay 5; red clay 18; red shale 20; blue shale 24; layers red blue shale 57. Water at 20 and 23.
Con VIII	"	19	B. Almos	Durham Drlg. & Enterprises	Sep. 8, 1964	4	15	45	32	"	D	Topsoil 3; gravelly clay 20; soft grey clay 60; blue clay 65; stony grey clay 75; sand gravel 81. Water from 75 to 81.
Con VIII	"	21	G. Cook	D. Sewell	Sep. 7, 1965	5	4	80	41	"	C	Stones clay 21; clay 112; sand gravelly clay 120. Water from 112 to 120.
Con IX	"	3	A. Robertson	"	Aug. 24, 1965	5	1	80	30	"	D	Topsoil 2; limestone 30; blue shale 38; red shale blue streaks 88. Water at 30 and 70.
Con IX	"	8	W. Batty	"	May 21, 1965	4	10	50	27	"	D	Topsoil 1; brown stony clay 35; clay 47; silty gravel 50; hard clay streaks coarse gravel 62. Water at 55.
Con IX	"	22	P. Musson	"	Oct. 15, 1965	4						Topsoil 1; clay 11; silty clay 15; red clay 65. Dry hole.
Con XII	"	16	W. Adams	"	July 28, 1967	5	10	45	21	Fresh	D, S	Topsoil 1; red clay 9; gravelly clay 49; hard packed gravel 56. Water from 49 to 56.
Con XII	"	23	O. Sutton	D. Wright & Sons	May 19, 1965		2	75	7	"	D, S	Clay boulders 12; limestone 60; blue shale 65; red shale 83. Water from 30 to 60.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Sarawak Twp.										
Con I lot 13	B.Porter	W.Wright	Aug.22,1967	5	5	75	20	Fresh	D	Clay 7;dark brown limestone 54;blue shale 65;red shale 86. Water from 50 to 55 and at 79.
Con I " 21	P.Southerland	R. & S. Wright	July 25, 1966	5	10	35	24	"	D,S	Brown clay stones 53;blue shale 56. Water at 53.
Con II " 3	J.Briggs	"	Sep.17,1964	5	5	40	24	"	D	Dug well 12;sandy clay stones 30;fine sand 50;sand gravel 62. Water at 62.
Con II " 4	H.Wales	D.Wright	July 4,1966	5	2	116	47	"	D	Clay 5;limestone 65;blue shale 75;red shale 116. Water from 80 to 90.
Con II " 4	L.Keffer	W.Wright	Sep.13,1967	8	5	20	15	"	D	Red shale 60. Water at 50.
Con II " 4	S.Carr	D.Wright & Sons	June 28, 1965	5	2	60	5	"	D	Gumbo clay 32;shale 42;blue shale 62. Water from 45 to 50.
Con II " 5	T. & G. Woods	D.Wright	Aug. 26, 1966	5	10	13	12	"	D	Sticky clay 25;shale 42;blue clay 53. Water at 50.
Con II " 5	O.Kreutzweiser	R. & S. Wright	June 26, 1967	5	4	100	36	Mineral	D	Brown clay stones 30;red clay stones 60;grey clay 68;grey limestone 90;brown limestone 110. Water at 105.
Con II " 5	C.Cameron	W.Wright	Dec.20,1967	5	3	100	35	Fresh	D	Clay 5;dark brown limestone 40;light brown limestone 65;blue shale 75;red shale 116. Water at 65 and 85.
Con II " 6	H.Madill	R. & S. Wright	June 18, 1964	5	20	25	15	"	D	Topsoil 2;heavy clay 22;grey limestone 42. Water at 40.
Con II " 8	W.Cook	L. & A. Wright	Aug. 10, 1964	5	6	47	5	"	D,S	Clay sand 5;clay 23;brown rock 47. Water at 23.
Con II " 8	T.Armstrong	A.Loucks	Sep. 3, 1965	6 1/2	8	16	8	"	D	Clay gravel 21;dirty gravel 24;sand gravel 28. Water from 26 to 28.
Con II " 9	E.Turner	R. & S. Wright	Apr. 2, 1967	5	18	12	6	"	D	Brown sand 9;grey fine stones 31;grey shale layers grey rock 40. Water at 31.
Con II " 17	A.Zorgdrager	D.Wright & Sons	June 15, 1964	5	8	32	30	"	D	Gravel boulders 38;red shale 72. Water from 55 to 60.
Con II " 18	D.Beattie	R. & S. Wright	Dec. 15, 1965	5	2	47	7	Mineral	D	Brown shale limestone 5;grey limestone 17;blue shale 25;red shale 50. Water at 37.
Con II " 20	S.Beckett	W.Wright	Dec. 9, 1967	5	5	30	3	Fresh	D	Shore stones 5;brown rock 20;blue shale 30;red shale 69. Water at 60.
Con II " 21	E.Rouse	D.Wright	June 15, 1966	5	5	40	7	"	D	Shore stones 5;shale 28;blue shale 35;red shale 50. Water at 32 and 45.
Con II " 22	C.Smith	R. & S. Wright	May 25, 1966	5	5	40	22	"	D	Topsoil stones 5;grey limestone 32;blue shale 47;red shale 53. Water from 47 to 53.
Con II " 28	Dr. J. Hawes	W.Wright	May 16, 1967	8	14	60	28	"	D	Shore stones 10;shale 40;blue shale 47;red shale 101. Water from 40 to 85.
Con II " 29	R.Crannie	D.Wright & Sons	July 1, 1964	5	5	40	28	"	D,S	Old shore line 8;grey limestone 40;blue shale 50;red shale 75. Water at 40 and 65.
Con III " 7	T.Woods	"	Mar. 7, 1964	5	7	19	12	"	D	Topsoil 3;sandy gravel 24;gravel 30;grey rock 40;blue shale 45;red shale 53. Water from 40 to 45.
Con III " " "	"	"	Oct. 27, 1964	5	12	20	15	"	D	Sand 3;gumbo clay 30;limestone 40;blue shale 46;red shale 55. Water at 47.
Con III " 7	G.Woods	W.Wright	Sep. 16, 1967	5	4	60	12	"	D	Gumbo clay 30;blue shale 50;red shale 66. Water at 58.
Con III " 8	P.Murphy	"	Sep. 18, 1967	5	5	15	6	"	D	Gumbo clay 23;brown rock 35;blue shale 40;red shale 54. Water at 48.
Con III " 8	D.Bluhm	"	Sep. 14, 1967	5	5	15	6	"	D	Gumbo clay 26;brown limestone 35;blue shale 40;red shale 50. Water at 45.
Con III " 11	W.Buck	R. & S. Wright	May 12, 1964	6				Salty	N	Grey clay stones 100;red shale 130;blue shale 150.
Con III " 11	M.Turner	"	Aug. 1, 1967	5	3 1/2	55	8	Fresh	D	Grey clay 20;sand 40;grey clay 60;red shale 70;limestone 90; grey shale 100. Water from 20 to 40.
Con III " 11	"	"	Apr. 24, 1965	5	5	22	6	"	D	Dark sand soil 20;clay 40;fine sand stones 45;grey clay 60. Water at 40.
Con III " 12	L.Chester	"	Sep. 9, 1967	5	10	30	Flows	"	D	Brown sand 10;grey sandy clay 40;grey sand 42;gravel 50. Water at 42.

GREY COUNTY - cont.											
Sarawak Twp. - cont.											
Con III	lot 13	H. Whitehall	D. Wright	June 23, 1966	5	10	30	20	Fresh	D	Clay 12; clay sand boulders 70; gravel 75; clay 80. Water at 75.
Con III	" 13	E. Stevens	R. & S. Wright	Sep. 12, 1967	5	18	10	22	"	D	Brown sand 3; grey clay 17; fine grey sand 33; fine gravel 34; grey shale 35; fine gravel 40. Water from 34 to 40.
Con III	" 10	M. Heathers	D. Wright & Sons	Oct. 23, 1964	5	1	70	12	"	D	Large stones 12; limestone 25; blue shale 32; red shale 72.
Con III	" 19	C. Ireland	"	June 1, 1967	5	1	68	12	"	D	Water from 50 to 60.
Con III	" 20	J. Levi	"	June 17, 1966	5	10	18	8	"	D	Loose shale 5; brown shale 30; blue shale 52; red shale 70. Water at 52.
Con III	" 20	J. Goodfellow	"	June 23, 1966	5	2	55	10	"	D	Shorestones gravel 28; red shale 60. Water at 50.
Con III	" 20	J. Levi	"	June 17, 1966	5	10	12	8	"	D	Fill 7; sand stones 32; red shale 70. Water at 55 and 32.
Con III	" 20	D. Blair	W. Wright	Aug. 28, 1967	5	3	35	8	"	D	Clay gravel boulder 32; red shale 60. Water at 52.
Con III	" 21	R. Cameron	R. & S. Wright	Apr. 3, 1964	4	3	50	15	"	D	Shore stones 8; blue shale 35; red shale 40. Water at 35.
Con III	" 22	H. Nicol	W. Wright	Apr. 26, 1967	8	4	30	6	"	D	Grey limestone 25; hard blue shale 35; red shale 57. Water at 55.
Con Park Lots	" 52	H. Edmonstone	A. Loucks	July 18, 1966	6	14	15	6	"	D, S	Shore stone 5; blue shale 40. Water from 18 to 35.
"	" 58	G. Galbraith	D. Wright	June 2, 1966	5	1	90	35	"	D	Clay stones 19; blue shale 35. Water from 20 to 35.
"	" 76	H. Parker	R. & S. Wright	Oct. 7, 1966	5	1	10	10	"	D	Clay boulders 60; red blue shale 100. Water at 68.
"	" 112	Sunset Building Supplies	D. Wright	May 27, 1966	5	5	45	10	"	D	Dug well 5; sand clay stones 12; fine gravel grey clay stones 35 blue shale 50; brown rock 75; grey rock 80; blue shale 82. Water at 12.
"	" 112	J. Wiseman	W. Wright	Mar. 24, 1967	6	10	40	12	"	D	Clay gravel boulders 60; limestone 87; blue shale 93; red shale 104. Water from 80 to 90.
Shallow Lake Village											
		C. D. Harrison	R. & S. Wright	Apr. 30, 1964	5	15	85	51	Fresh	D	Clay sand gravel 61; limestone 90; blue shale 96; red shale 104. Water at 90.
		United Church	"	June 12, 1964	5	15	23	22	"	P	Brown topsoil 1; brown limestone 5; white limestone 25; brown limestone 122; grey limestone 125. Water at 80 and 122.
		J. Stott	D. Wright & Sons	Aug. 24, 1966	5	10	25	19	"	D	Brown clay stones 25; brown limestone 45. Water at 43.
		Lake Side Fur Ranch	"	Dec. 21, 1966	5	5	40	12	"	C	Clay boulders 14; limestone 50. Water from 45 to 47.
Sullivan Twp.											
Con I	lot 2	J. Bridges	D. Wright	June 17, 1964	5	5	45	30	Fresh	D	Clay boulders 15; brown limestone 52. Water at 45.
Con I	" 3	W. Levarno	A. Loucks	May 26, 1967	5	8	40	45	"	D	Loose limestone 30; solid limestone 114. Water from 80 to 110.
Con I	" 13	R. Irvine	G. Davidson	Oct. 31, 1964	4	15	65	56	"	D, S	Sand 30; yellow hardpan 60; limestone 86. Water from 84 to 86.
Con I	" 20	Heft Bros.	A. Loucks	Oct. 22, 1964	4	10	45	25	"	D, S	Topsoil 2; sand 18; sand clay 56; gravel 65; stony hardpan 83; white hard streak yellow shale 97. Water at 97.
Con I	" 29	A. Boch	Pratt Bros.	Sep. 11, 1964	4	7	29	28	"	D	Dug well 29; gravel boulders 57; limestone 87. Water from 57 to 87.
Con II	" 19	L. Shetler	Durham Drlg. & Enterprises	Sep. 22, 1964	4	15	30	28	"	D, S	Gravel 18; hardpan 62; shaly rock 64. Water at 64.
Con II	" 19	B. Pearson	"	Sep. 25, 1964	4	15	16	14	"	D, S	Open hole 28; gravel boulders 45; hard grey rock 56. Water from 45 to 56.
Con II	" 20	A. Schopf	"	Sep. 18, 1964	4	20	21	19	"	S	Open hole 16; gravel boulders 24; hard yellow rock 38. Water from 35 to 38.
											Open hole 20; boulders gravel 34; hard grey rock 43. Water from 40 to 43.

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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Sullivan Twp. - cont.										
Con II lot 20	A.Schopf	Durham Drig. & Enterprises	Sep.23,1964	4	15	18	16	Fresh	D	Open hole 15;gravel boulders 28;grey rock 35. Water from 30 to 35.
Con III	" 20 G.Hett	"	Sep.24,1965	5	15	30	18	"	D,S	Clay gravel boulders 32;limestone 50. Water from 42 to 50.
Con III	" 22 OWRC	"	Mar.22,1967	7			9	"	T	Topsoil 1;sandy gravelly till few boulders 31;buff dolomite Guelph formation 43;light brown dolomite Lockport formation 48 buff dolomite Lockport formation 110. Water at 31, 43 to 48 and from 62 to 70.
Con III	" 22	"	Mar.25,1967	8	30	18	18	"	T	Topsoil 1;boulders 7;sandy clay 9;clay till boulders 14; bouldery till 29;sand gravel 30;Dolomite Guelph formation 80; Dolomite Lockport Formation 112. Water at 30, 51 to 55 and 80 to 85.
Con III	" 23	"	Mar.31,1967	7	10		6	"	T	Topsoil 1;sandy gravelly till some boulders 24;Dolomite broken rock 29;Dolomite Guelph Formation 72;Dolomite Lockport Formation 80. Water from 24 to 29, 42 to 48 and from 69 to 73.
Con III	" 23	"	Apr. 1,1967	8	7	115	110	"	T	Topsoil 1;bouldery till 7;sandy gravelly till 38;coarse sand fine gravel 55;fine sand 74;sandy silt 80;silty clay 94;fine sand 96;silty clay 112;fine sand 120;coarse gravel 124;sandy silt 128;coarse gravel gravelly till 130;Dolomite Guelph Formation 168. Water at 130, 140 and 158.
Con III	" 28 A.Thompson	Pratt's Well Drig.	Apr.23,1966	4	10	12	10	"	D,S	Gravel 28;blue clay 99;blue coloured limestone 122. Water at 122.
Con III	" 30 J.Grajahskas	Durham Drig. & Enterprises Ltd.	July 8,1967	4	15	43	20	"	D,S	Topsoil 1;hardpan stones 20;brown hardpan 42;sand 44;light grey limestone 103. Water from 90 to 108.
Con IV	" 18 J.Stutzman	A.Loucks	Oct.18,1965	5	3	60	27	"	D,S	Gravel stones 23;sand 90;clay 110;sand clay 160;coarse sand gravel 172. Water from 160 to 172.
Con IV	" 22 E.Fyfe	"	Aug. 4,1964	4	20	15	10	"	D	Sand gravel 139;brown limestone 144. Water from 132 to 144.
Con IV	" 22 J.Sharpe	Pratt's Well Drig.	Feb.26,1966	4	20	10	8	"	D	Gravel 8;marl 38;clay silt 90;fine sand gravel 135;coarse gravel 142;brown limestone 158. Water at 157.
Con VII	" 11 Twp.Central School	A.Wright	Oct.18,1966	6	10	115	19	"	P	Clay stone 10;white limestone 95;brown rock 115. Water at 35 and from 90 to 100.
Con VII	" 12 N.Jackson	R.&S. Wright	Apr. 8,1967	5	10	60	10	"	D	Topsoil 3;grey limestone 58;blue limestone 70;white limestone 87. Water from 55 to 80.
Con VII	" 12 F.Maluskie	L.Wright	Sep.22,1965	5	5	83	20	"	D	Clay stones 6;grey rock 83. Water at 60.
Con VII	" 13 H.Slumskie	A. Loucks	June 10,1966	5	10	25	15	"	D	Clay boulders 8;broken limestone 25;limestone 90. Water from 80 to 90.
Con VII	" 13	"	May 5,1966	5	8	75	25	"	D	Clay stones 9;limestone 100. Water from 90 to 100.
Con VII	" 13 St.John's Lutheran Church	R. & S. Wright	May 1967	6 1/2	10	80	15	"	P	Topsoil stones 6;broken limestone 10;grey limestone 65;blue limestone 116. Water from 80 to 115.
Con VIII	" 18 J.Kreuger	A.Loucks	Nov. 5,1964	4	10	45	30	"	D	Gravel boulders 54;grey limestone 74. Water from 60 to 74.
Con VIII	" 25 N.Kreuger	"	Oct.23,1964	4	10	30	18	"	D,S	Dug well 10;hardpan boulders 34;limestone 44. Water from 35 to 44.
Con IX	" 5 E.Thomson	L. & A. Wright	Sep.16,1964	5	6	127	29	"	D,S	Clay stones 46;brown limestone 127. Water at 120.
Con IX	" 25 C.Anderson	D.Wright & Sons	Sep. 1,1966	5	14	120	30	"	D,S	Clay boulders 64;limestone 133. Water from 90 to 127.
Con IX	" 25 L.Maluski	"	Sep. 6,1966	5	14	70	8	"	D	Hardpan boulders 46;limestone 91. Water at 85.
Con IX	" 26 H.Crigger	A.Loucks	Mar. 8,1965	4	8	30	15	"	D,S	Pit run gravel 40;sand gravel 57. Water from 50 to 57.
Con X	" 16 H.Blumh	W.Wright & Son	Aug.18,1966	5	21	12	10	"	D,S	Hardpan boulders 38;limestone 80. Water from 60 to 75.
Con X	" 24 D.Anderson	A.Loucks	Aug.25,1966	4	12	25	18	"	D,S	Gravel stones 59;limestone 68. Water from 59 to 68.

GREY COUNTY - cont.											
Sullivan Twp. - cont.											
Con XI	lot 20	J. Hershberger	Durham Drig. & Enterprises Ltd.	July 31, 1965	4	10	75	45	Fresh	D, S	Topsoil 3; gravel boulders 30; clay boulders 70; hardpan boulders 85; hard grey rock 100. Water from 90 to 100.
Con XIII	" 18	J. Thomson	G. L. Davidson	Dec. 14, 1966	4	10	42	39	"	D, S	Red clay 15; blue clay 31; coarse stony gravel 35; hardpan 65; shale 77; brown hard rock 112. Water from 110 to 112.
Con XIII	" 18	A. Thomson	"	Oct. 2, 1967	4	7	45	38	"	D, S	Blue clay 44; clay gravel 62; hardpan 72; brown hard limestone 115. Water at 115.
GRW Con I	" 7	I. Carmichael	A. Loucks	Nov. 8, 1965	5	15	70	30	"	D	Gravel boulders 78; limestone 120. Water from 105 to 120.
GRW Con I	" 19	E. Schuknecht Jr.	K. Mighon & Son	Oct. 4, 1966	4	8	50	41	"	D	Topsoil 2; gravel hard clay limestone 25; hardpan layers sand 58; white limestone 80. Water from 75 to 80.
GRW Con I	" 19	"	Durham Drig. & Enterprises Ltd.	Feb. 15, 1965	4	10	35	35	"	D	Topsoil 2; boulders 24; hardpan boulders 54; brown limestone 70. Water at 70.
Sydenham Twp.											
BF	Lot 34	Capt. Randle	W. Wright	Apr. 28, 1967	10	10	30	4	Fresh	D	Sand 4; red shale 30. Water at 18.
BF	" 35	T. Rutherford	D. Wright & Sons	Aug. 28, 1965	8	4	20	6	"	D	Red shale 25. Water at 20.
BF	" 36	S. Brown	"	June 29, 1964	5	5	10	8	"	D	Shore gravel 5; red shale 20. Water at 18.
CRN Con I	" 3	E. Taylor	"	Nov. 15, 1966	5	21	35	25	"	D	Clay boulders 12; red shale 73. Water at 60.
CRN Con I	" 25	C. Malloy	"	Oct. 7, 1964	5	5	115	58	"	D	Limestone 70; blue shale 75; red shale 126. Water from 75 to 110.
CRN Con I	" 27	L. Hawn	A. Loucks	Nov. 9, 1965	5	2	25	20	"	D	Gravel boulders 17; grey shale 30. Water at 25.
CRN Con I	" 27	L. Hawn	R. & S. Wright	July 18, 1967	5	4	24	4	"	D	Brown sandy soil 8; brown clay stones 26; fine gravel 30. Water from 26 to 30.
CRS Con I	" 25	Sydenham Twp.	D. Wright & Sons	Nov. 15, 1966	7	2	160	40	"	C	Limestone 70; blue shale 76; red shale 135; blue shale 140; red shale 160. Water from 90 to 135.
CRS Con I	" 25	E. Snider	A. Loucks	Nov. 8, 1967	5	2 1/2	125	35	"	D	Topsoil 2; white limestone 90; blue shale 150. Water from 135 to 150.
CRS Con II	" 7	A. Gunn	D. Wright & Sons	Aug. 18, 1964	5	10	60	15	"	D, S	Clay boulders 25; brown limestone 70; blueish white limestone 94. Water from 60 to 90.
Con A	" 13	P. & L. Smith	R. & S. Wright	Sep. 15, 1967	5	1 1/2	115	45	"	D	Grey clay 5; red clay 16; red shale 110; blue shale 118. Water at 90.
Con B	" 17	B. Esplen	D. Wright & Sons	Sep. 12, 1965	5	3	75	40	"	D	Clay gravel boulders 60; blue red shale 95. Water from 70 to 90.
Con B	" 34	A. VanDolder	W. Wright	Dec. 6, 1967	5	2	75	35	"	D	Shale 78. Water at 70.
Con B	" 39	S. Alexander	O. & B. Wright	July 14, 1967	5	5	75	30	"	D	Topsoil stones 9; layers hard shale 12; grey limestone 41; blue shale 52; layers blue red shale 87. Water at 61 and 85.
Con B	" 39	J. Pearson	R. & S. Wright	July 22, 1967	5	10	51	31	"	D	Topsoil stones 12; grey limestone 42; blue shale 54; red shale 92. Water at 74.
Con B	" 39	G. Lunley	S. Wright Jr.	July 14, 1967	5	15	51	35	"	D	Topsoil stones 12; grey limestone 43; blue shale 54; hard red shale 90. Water at 70.
Con B	" 39	S. Kirkwood	D. Wright	July 13, 1966	5	4	85	34	"	D	Gravel boulder 11; shale 42; blue shale 54; red shale 90. Water at 82.
Con C	" 34	Annan United Church	"	June 24, 1965	5	5	35	6	"	P	Stony clay 6; limestone 24; blue shale 36; hard red shale 78. Water at 70.
Con I	" 14	M. Ward	R. & S. Wright	Dec. 1, 1964	5	18	36	35	"	D, S	Dug well 25; brown sandy clay stones 48; red shale 72; blue shale 75. Water at 70.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Sydenham Twp. - cont.										
Con I lot 26	V.Hood	D.Wright & Sons	May 22, 1965	5	10	25	20	Fresh	D,S	Clay 5;limestone 28;blue shale 32. Water from 30 to 35.
Con II	" 6 K.Webb	R. & S. Wright	Sep. 3, 1967	5	2	55	15	"	D	Brown sandy soil 60. Water from 56 to 60.
Con II	" 15 C.Long	"	Dec. 14, 1966	5	8	70	70	"	D,S	Brown clay stones 40;grey clay stones 71;grey shale 79;brown rock 110. Water at 85 and 107.
Con IV	" 26 G.Henry	D.Wright & Sons	Sep. 20, 1965	5	10	30	10	"	D,S	Dug well 15;red shale 70. Water from 35 to 60.
Con IV	" 27 R.Armstrong	A.Loucks	July 6, 1967	5	2	60	12	"	D,S	Topsoil 3;red shale 71;blue shale 72. Water at 71½.
Con VII	" 8 H.VanEck	"	July 29, 1964	5	7	50	25	"	D,S	Boulders gravel 12;limestone 70. Water from 50 to 70.
Con VIII	" 12 G.Parkin	"	May 7, 1964	4	8	75	30	"	D,S	Gravel boulders 19;limestone 103;red shale 142. Water from 114 to 142.
Con X	" 13 K.Ramsey	D.Wright & Sons	Apr. 5, 1964	7	15	12	8	"	D	Loose limestone 25;blue shale 32;red shale 43. Water from 25 to 30.
Con X	" 13 D. Ramsey	"	Sep. 20, 1965	6½	10	25	7	"	D,S	Clay 3;shale 23;blue shale 27;red shale 47. Water at 23 and 40.
Con XII	" 7 A.Wardell	W.Wright	July 15, 1967	5	5	65	7	"	D	Loose stones 7;brown limestone 35;bluish white limestone 85. Water from 75 to 80.
Con XII	" 9 F.Boyes	R. & S. Wright	July 10, 1964	4½	5	90	25	"	D	Topsoil 7;grey limestone 110. Water at 110.
Con XII	" 9 I.Shaw	D.Wright & Sons	May 15, 1965	5	5	90	8	"	D	Clay boulders 22;grey limestone 105. Water at 95.
Con XII	" 9 C.Plas	"	Oct. 25, 1966	5	5	90	15	"	D	Top clay 7;grey limestone 102. Water at 90.
Con XII	" 10 C.Keeling	R. & S. Wright	Mar. 26, 1960	5	8	122	20	"	D	Brown clay 3;blue limestone 46;grey limestone 104;brown limestone 125;blue shale 130;red shale 131. Water at 46.
Con XII	" 10 J.Keeling	"	May 27, 1965	5	15	80	16	"	D,S	Brown clay stones 6;brown limestone 40;grey limestone 100; brown limestone 105. Water at 68.
Con XII	" 11 W.Chappell	"	Oct. 9, 1965	5	½	110	45	"	D	Topsoil stones 2;limestone 5;grey limestone 65;blue hard limestone 82;grey limestone 97;hard blue shale 103;red shale 111. Water at 65 and 97.
Con XII	" 18 M.Fligg	"	Aug. 11, 1967	5	15	70	40	"	D,S	Topsoil sand 5;hardpan stones 18;gravel boulders 37;grey limestone 68;blue hard shale 75;hard red shale 122. Water from 65 to 118.
Thornbury Village										
	Alexanders Red Store	A. Loucks	Aug. 19, 1966	6½	11	70	30	Fresh	C	Clay stones 15;dirty sand gravel 45;grey clay 60;sand gravel clay streaks 100. Water from 60 to 100.
	W.G. Thornbury	"	Apr. 22, 1964	4	20	100	Flows	"	P	Gravel boulders 20;blue clay 67;slate shale 95;grey limestone 155. Water from 67 to 155.
	M. Myles	D.Sewell	Dec. 20, 1967	4	½	112	38	"	D	Topsoil 1;sandy clay 18;gravelly clay 48;stony hardpan 66; silty sand gravel 67;hardpan 72;hard packed gravel 88;gravelly clay 95;grey shale 112. Water from 99 to 105.

HALDIMAND COUNTY - cont.  
Caledonia, Town of

J. Atkinson  
Caledonia  
Lion's Club

J. Wickett

June 2, 1966  
Oct. 31, 1967

5  
6

16  
30

36  
10

36  
6

Fresh  
"

D  
P

Brown clay 20; dirty gravel 30; shale 44. Water at 40.  
Black loam 30; brown clay 9; salt rock 27. Water at 10.

Canborough Twp.

Con I  
Con I  
Con I  
Con I

" 1  
" 12  
" 13  
" 17  
" 18

J. VanderStelt  
B. Watkins  
A. Linde  
Ruigrok Bros.  
M. Budz

E. A. Ricker & Son  
F. Merritt  
S. W. Merritt  
"  
"

Dec. 4, 1964  
Jan. 31, 1967  
Dec. 28, 1965  
Jan. 18, 1967  
June 9, 1966

6  
6  
6  
6  
6

45  
10  
8  
12  
16

19  
30  
50  
25  
48

18  
25  
38  
25  
25

Fresh  
"  
"  
"  
"

D  
D  
D  
S  
D, S

Topsoil 2; brown clay 42; hardpan 65. Water at 56.  
Brown clay 25; blue clay 65; gravel hardpan 68. Water at 68.  
Grey clay 75; Niagara rock 88. Water from 78 to 88.  
Clay 35; boulders gravel 55; shale 59. Water at 59.  
Clay 20; boulders clay 40; clay gravel 55; shale 57; Niagara rock 58. Water at 57.

Con II  
Con III  
Con III

" 12  
" 1  
" 2

D. Lane  
F. Strini  
Hanemaayer Farms

E. Ricker & Sons  
F. Merritt  
F. Merritt

Nov. 13, 1964  
Jan. 28, 1964  
Nov. 4, 1967

6  
6  
6

25  
10  
10

22  
30  
50

18  
25  
18

"  
Fresh  
Sulphur

D, S  
D, S  
D, S

Blue clay 37; medium gravel 39. Water at 37.  
Blue clay 72; grey shale 73. Water at 73.  
Brown clay 40; blue clay 61; gravel hardpan 62. Water at 62.

Con III  
Con III  
Con III  
DT  
DT  
DT

" 6  
" 6  
" 8  
" 2  
" 8  
" 8

K. Holtrop  
"  
H. Bradford  
J. Winnett  
A. Watts  
M. Sokyka

"  
S. W. Merritt  
Caughell Bros.  
J. Wickett  
"  
R. Swayze

Dec. 17, 1964  
Apr. 20, 1967  
July 24, 1964  
Aug. 3, 1966  
Apr. 22, 1965  
May 7, 1966

6  
6  
5 1/2  
5  
5  
6

10  
16  
33  
16  
10  
30

25  
16  
25  
28  
40  
20

15  
15  
20  
28  
8  
15

Fresh  
"  
"  
"  
"  
Mineral

D, S  
S  
D  
D  
D  
D

Blue clay 54; grey shale 55. Water at 55.  
Clay 73; sand gravel 76. Water at 75.  
Clay 80; gravel 85; shell rock 91. Water from 85 to 91.  
Sand 4; brown clay 20; grey clay 51. Water at 51.  
Sand 4; blue clay 66; dirty gravel 67. Water at 67.  
Clay 85; gravel clay 87; limestone 92. Water at 90.

IR

" 1

Dunnville  
Metal

S. W. Merritt

Nov. 24, 1966

6

16

40

30

Sulphur

D

Blue clay 72; Niagara rock 75. Water at 74.

Cayuga, Village of

R. Foote

J. Wickett

Oct. 21, 1964

5

10

29

28

Fresh

D

Brown clay 12; blue clay 30; dirty gravel 38; grey limestone 41. Water at 41.

G. Lishman

R. Swayze

Feb. 21, 1967

6

3 1/2

130

48

Sulphur

S

Clay 48; grey limestone 50; shale 75; brown limestone 135. Water at 130.

H. Culp

J. Wickett

Sep. 13, 1967

5

40

"

D

Brown clay 22; brown shale 26; grey limestone 40; hard limestone 55. Water at 50.

Dunn Twp.

Con IV

Lot 2

K. Lilleste

J. Wickett

Apr. 22, 1966

5

1

44

20

Sulphur

"

Brown clay 15; blue clay 25; flint rock 44. Water at 44.

RRN Con I

" 11

M. Devos

Caughell Bros.

Nov. 14, 1964

5 1/2

10

30

23

Fresh

D

Clay 50; hardpan 57; shell rock gravel 59; shell rock 66. Water from 59 to 65.

RRN Con I

" 11

L. Hopman

E. Culver

June 21, 1967

6

40

26

26

"

S

Clay 24; white limestone 45. Water from 44 to 45.

RRS Con I

" 13

St. Mitchell

"

Apr. 27, 1967

6

27

40

40

"

S

Clay 17; brown limestone 65. Water at 64.

Sheehan Tract

10

S. Powell

E. Mitchell

Mar. 8, 1966

8

30

9

7

"

C

Grey clay 39; medium gravel 41; grey limestone 49. Water at 48.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY -cont. Hagersville, Village of	F.Vecero	E.Mitchell	Apr.24,1964	6	10	30	20	Fresh	D	Clay shale 8;flint 45;brown limestone 57;grey brown limestone 85. Water at 27,57 and 82.
	J.Fava	"	May 22,1964	6	10	20	20	"	D	Clay shale 6;flint 35;grey brown limestone 70. Water at 40, 57 and 68.
	D.Rolli	"	June13,1964	6	10	50	30	"	D	Clay shale 7;flint 50;grey brown limestone 77. Water at 27, 57 and 69.
	M.Columbus	"	Aug. 4,1964	6	3	52	35	"	D	Clay shale 8;flint 48;grey brown limestone 56. Water at 37 and 52.
	J.Dalimonte	"	Aug.13,1964	6	8	70	30	"	D	Clay shale 5;flint 30;grey brown limestone 75. Water at 52 and 70.
	H.Melnike	"	Nov.12,1964	6	10	61	41	"	D	Clay shale 8;flint 30;grey brown limestone 82. Water at 57 and 79.
	S.Dangelo	"	May 15,1965	6	8	55	30	"	D	Clay shale 5;flint 30;grey brown limestone 75. Water at 30, 57 and 70.
	G.O'Connor	"	June19,1965	6	10	60	30	"	D	Clay shale 7;flint 30;grey brown limestone 75. Water at 72.
	B.Helka	B.Helka	Mar.17,1965	6½	6	30	10	"	D	Brown clay 3;grey shale 8;flint 35;grey brown limestone 88. Water at 35 and 80.
	F.DeMille	"	Apr.15,1965	6	10	37	27	"	D	Brown clay 3;grey shale 6;flint 33;grey brown limestone 68. Water at 64.
	T.Rulli	E.Mitchell	June25,1965	6	1	124	39	"	D	Brown clay 2;grey clay shale 7;flint 35;grey brown limestone 85;grey shale 125. Water at 40 and 90.
	J.Rulli	"	June26,1965	6	1½	98	40	"	D	Clay shale 5;flint 35;grey brown limestone 95;grey shale 100. Water at 52,75 and 95.
	E.Toll	"	July20,1965	6	4	95	39	"	D	Clay shale 5;flint 35;grey brown limestone 100. Water at 46, 80 and 96.
	J.Lewis	"	Jan. 3,1966	6	25	40	25	"	D	Brown clay 4;grey shale 8;flint 28;grey brown limestone 91. Water at 40 and 88.
	T.Dalby	"	Jan.30,1967	6	20	45	15	"	D	Clay shale 5;flint 33;grey limestone 75. Water at 32 and 74.
	J.Hill	"	Feb.10,1967	6	20	45	20	"	D	Clay shale 5;shale 15;flint 30;grey limestone 75. Water at 30 and 72.
Jarvis, Village of	I.Pullen	E.Mitchell	Feb.15,1964	6½	3	60	40	Sulphur	D	Clay 12;flint 57;grey brown limestone 66. Water at 65.
	V.Columbus	"	Feb.19,1964	6½	4	73	39	"	D	Grey clay 15;gravel 16;flint 78. Water at 75.
	R.Fields	"	July 3,1964	6½	20	80	30	"	D	Grey clay 25;flint 102. Water at 96 and 99.
	D.Smelser	I.Smelser	Oct.15,1964	7	5	50	28	Fresh	D	Topsoil 3;red clay 11;grey clay 20;limestone 59. Water at 50.
	J.Brohman	E.Mitchell	Oct.29,1964	6½	5	45	27	"	D	Grey clay 20;flint rock 47. Water at 44.
	L.Hoover	"	Feb.26,1965	6½	10	25	12	"	D	Clay 15;flint 34. Water at 33.

HALDIMAND COUNTY -cont.											
Moulton Twp.											
CP Con III	lot 9	A.Gierssewski	F.Merritt	Aug.17,1964	6½	10	35	18	Fresh	D	Blue clay 65;red clay 85;red gravel 95;grey limestone 120. Water at 120.
PRN	" 4	J.VanderKnyff	J.Wickett	Sep.29,1966	6½	20	20	20	Sulphur	In	Brown sand 8;blue clay 50;pink clay 75;dirty gravel 80;grey limestone 82. Water at 81.
PRN	" 9	Anna Melick	S.Merritt	Feb.27,1964	6½	8	45	25	Fresh	P	Sand clay 12;clay 86;shale 88. Water at 88.
PRN	" 16	T.VanderVlist	Caughell Bros.	July30,1965	5	20	15	14	"	D,S	Sand 10;clay 35;sand 60;sandy clay 90;sand 110;fine gravel sand mud 120;shell rock 122. Water at 121.
GRPR Con II	" 1	Dr.D.Marshall	E.Stewart	Dec. 6,1965	5	5	20	15	Bitter	N	Sandy loam 7;yellowish hard clay 26;blue hard clay 85;brown limestone 88. Water at 88.
GRPR Con II	" 1	"	J.Wickett	Aug.31,1967	6½	16	40	8	Sulphur	D	Sandy loam 8;blue clay 60;blue clay pebbles 83. Water at 83.
GRPR Con II	" 8	G.Phillips	F.Ince	July18,1966	6½	20	40	16	Fresh	C	Brown clay 10;blue clay 85;shale 90. Water at 90.
GRPR Con II	" 8	B.LaKato	"	June19,1967	6½	12	85	18	"	P	Brown clay 8;blue clay 90;coarse gravel 95. Water at 90.
GRPR Con II	" 15	J.Smith	J.Wickett	Aug.12,1965	6½	15	25	8	"	D,S	Sandy loam 8;blue clay 45;red clay 56;blue clay 109;sand gravel 119. Water at 110.
New Credit Indian Reserve											
Con VI	lot 1	G.Herkimer	E.Mitchell	Dec. 2,1967	6½	10	50	40	Fresh	D	Grey clay 2;grey limestone 6;flint 33;brown limestone shale 101. Water at 40 and 98.
North Cayuga Twp.											
JT	lot 1	J.Brouwer	J.Wickett	Nov.19,1965	6½	10	105	45	Sulphur	D,S	Brown clay 26;blue clay 40;grey limestone 60;white Niagara rock 72;grey limestone 85;white limestone 110. Water at 65 and 86.
JT	" 5	L.Bain	"	Dec.15,1964	5	5	59	59	Fresh	D,S	Brown hard clay 12;grey limestone 72. Water at 60.
JT	" 9	L.Bosch	E.Culver	Mar.23,1964	6½	25	51	49	"	D	Clay 17;brown limestone 65. Water at 64.
JT	" 24	Mehlenbacher Raceway	"	Mar.16,1967	6½	4½	25	25	Sulphur	C	Clay 14;flint 31;brown limestone 32. Water from 31 to 32.
TRN Con I	" 12	J.Anic	J.Wickett	July16,1964	5	10	38	38	Fresh	D,S	Brown clay 30;dirty gravel 57;grey limestone 60. Water at 59.
TRN Con I	" 19	H.Herr	"	Oct.18,1966	6	16	48	48	"	D,S	Brown clay 35;blue clay 64;dirty gravel 65;grey limestone 70. Water at 68.
TRN Con I	" 33	Anglo-Irish Holdings Ltd.	E.Culver	July22,1964	6	7	40	40	"	D	Clay 32;soft grey limestone 37;hard brown limestone 41;soft grey limestone 45. Water at 43.
TRN Con I	" 38	R.Hogeterp	R.Swayze	Mar.16,1967	6½	4	55	21	Irony	D,S	Yellow clay 16;brown limestone 40;grey limestone 50;grey shale 60. Water at 40.
TRN Con I	" 42	A.Smith	E.Mitchell	Aug.13,1966	6½	15	50	36	Fresh	D	Clay 6;shale 15;grey limestone 64. Water at 62.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY -cont.										
North Cayuga Twp.-cont.										
TRN Con I lot 42	A.Drinkwater	E.Mitchell	Aug.20,1966	6 1/2	10	45	36	Fresh	D	Clay 4;shale 15;grey limestone 59. Water at 57.
TRN Con I " 46	A.Burnett	J.Wickett	June29,1965	5	10	75	74	"	D	White limestone 75;grey limestone 85. Water at 80.
TRN Con I " 47	E.Vanderburg	R.Swayze	Oct.16,1962	6	20	30	27	"	D,S	Well deepened 35;limestone 60. Water at 57.
TRN Con I " 21	E.Humfries	J.Nauman	June 6,1966	5	16	42	40	"	D,S	Brown clay 20;grey clay 41;brown limestone 75. Water at 69.
TRN Con I " 33	J. Druyf	J. Wickett	Sep.11,1967	6 1/2	15	42	42	"	D	Brown clay 21;brown shale 52. Water at 48.
TRN Con I " 33	K.Walker	J.Wickett	Nov. 3,1967	6 1/2	20	48	48	"	D,S	Brown clay 2;dirty gravel 51;shale 60. Water at 51.
TRN Con I " 44	E.Kinnear	E.Culver	Dec.14,1964	6 1/2	22	20	20	"	D,S	Clay 11;grey limestone 21;brown limestone 33. Water at 31.
TRN Con I " 46	J.Hanrahan	R.Swayze	Nov. 5,1966	6 1/2	12	60	56	"	D,S	Clay 11;flint 20;grey limestone 80. Water at 77.
TRN Con II " 10	D.Moodie	"	Sep. 3,1965	6 1/2	30	30	30	irony	S	Blue clay 30;blue clay stones mixed 47;limestone 55. Water at 52.
TRN Con II " 17	D.Armstrong	"	Nov.22,1966	6 1/2	4	90	43	Sulphur	S	Blue clay 40;yellow clay 66;blue shale 70;grey limestone 100. Water at 70.
TRN Con II " 31	G.MacDonald	F.Ince	Aug. 1,1967	6 1/2	20	26	24	Fresh	D	Brown clay 10;blue clay 36;gravel 37. Water at 37.
TRN Con II " 31	K.Pazekas	"	Aug. 1,1967	6 1/2	20	30	25	"	D	Brown clay 15;blue clay 38;gravel 39. Water at 39.
TRN Con III " 36	E.Link	E.Culver	Mar. 9,1967	6 1/2	27	20	20	"	D	Clay 32;flint 37;brown limestone 49. Water at 40 and 48.
Huff Tract " 8	E.Sutor	R.Dennis	July15,1967	5	4	47	45	"	D,S	Brown clay 40;grey clay 56;limestone shale gravel 57. Water from 56 to 57.
Oneida Twp.										
CTR RE lot 1	G.Heslop	J.Wickett	Oct.13,1966	5	8	60	55	Fresh	D	Brown clay 15;blue clay 47;hardpan 57;grey limestone 68. Water at 65.
CTR RE " 1	G. Heslop	J. Wickett	Apr.20,1967	5	5	62	56	"	D	Brown clay 23;blue clay 48;dirty gravel 58;grey limestone 68. Water at 62.
CTR RE " 1	G. Heslop	"	Apr.24,1967	5	10	55	55	"	D	Brown clay 22;blue clay 45;dirty gravel 54;grey shale 63. Water at 58.
CTR RE " 1	G. Heslop	"	Oct.30,1967	5	8	64	58	"	D	Brown clay 22;blue clay 54;gravel 59;grey limestone 70. Water at 60.
CTR RE " 2	J. Beattie	"	Nov.18,1967	6 1/2	10	55	55	"	D,S	Brown clay 23;shale 61. Water at 59.
CTR RW " 1	J. Green	"	July 9,1964	5	10	67	67	"	D	Brown clay 28;blue clay 68;dirty gravel 72; grey limestone 75. Water at 72.
CTR RW " 7	J. Troubridge	F. Ince	Jan.28,1964	6 1/2	20	45	40	"	D	Brown clay 10;blue clay 30;shale 50;limestone 55. Water at 50.
Con II " 6	W.Farmer	J.Wickett	May 9,1967	5	15		24	"	D	Brown clay 20;blue clay 27;dirty gravel 30;blue shale 36. Water at 36.
Con II " 6	"	"	May 6,1967	6 1/2	20		35	"	D	Brown clay 14;blue clay 38;dirty gravel 40;grey shale 41. Water at 41.
Con II " 6	J.Farmer	"	May 10,1967	5	20	13	11	"	D	Brown clay 4;shale 24. Water at 12.
Con II " 21	E.Hunter	E.Mitchell	Dec. 5,1966	8	20	74	74	"	D,S	Grey clay 10;shale 23;grey limestone 86. Water at 62 and 82.
Con III " 4	S.Genral	F.Ince	Feb.18,1967	6 1/2	1	69	57	"	D,S	Brown clay 15;stony blue clay 60;limestone 69. Water at 65.
Con III " 14	J.Assies	E.Stewart	Oct.30,1964	5	10	25	15	"	D,S	Clay 45;hard limestone 65;soft limestone gypsum 68. Water at 67.
Con III " 18	G.Forsyth	W.Packham	Apr.15,1964	6 1/2	20	52	50	"	S	Clay 60;shale 70. Water at 67.
Con IV " 18	W.Doyle	F.Ince	Sep.24,1964	6 1/2	15	35	33	"	D,S	Brown clay 10;blue clay 40;shale 49. Water at 49.

\* See end of Appendix C for the meanings of abbreviations and symbols.

HALDIMAND COUNTY - Cont.

Oneida Twp. - cont.

Con V	lot 2	J. Leemon	J. Wickett	Apr. 11, 1967	5	16	41	41	Fresh	D.	Brown clay 24; blue clay 40; dirty gravel 54; shale 56. Water at 55.
Con V	"	1 C. Longhouse	"	Aug. 9, 1967	6 1/2	20	23	23	"	D	Brown clay 22; blue clay 29; grey shale 35. Water at 30.
Con V	"	19 J. Lang	"	June 8, 1964	5	9	27	5	"	D, S	Brown clay 20; blue clay 31; grey limestone 35. Water at 31.
Con VI	"	5 T. Robinson	"	Aug. 2, 1967	6	25	15	15	"	S	Brown clay 18; blue clay 22; shale 34. Water at 30.
Con VI	"	5 G. Isaac	"	July 24, 1967	6	20	54	54	"	D	Brown clay 23; brown shale 69. Water at 55.
PRER	"	18 G. Forsyth	W. Packham	Jan. 5, 1966	6 1/2	20	53	43	"	S	Pit 6; clay 55; shale 66. Water at 63.
PRER	"	27 E. Hall	R. Swayze	Mar. 28, 1964	6 1/2	20	22	20	"	D	Clay 21; limestone 45. Water at 43.
PRER	"	30 E. Nixon	"	July 6, 1964	6 1/2	10	10	7	"	D	Clay 5; flint 30. Water at 12.
PRWR	"	2 D. Sandy	J. Wickett	Nov. 29, 1965	5	14	43	43	"	D	Brown clay 20; blue clay 35; dirty gravel 60. Water at 60.
PRWR	"	5 T. Robinson	F. Ince	Sep. 21, 1964	6	20	50	32	"	D, S	Brown clay 12; blue clay 27; shale 36; limestone 72. Water at 36.
PRWR	"	8 G. McMorran	J. Wickett	Jan. 16, 1964	5	6	67	50	"	D, S	Brown clay 25; blue clay 35; dirty gravel 38; white Niagara rock 67. Water at 59.
PRWR	"	24 B. Barker	E. Mitchell	May 23, 1964	6	10	20	18	"	D	Clay 12; clay gravel 28; grey shale 30. Water at 25 and 29.
RR	"	B A. Thompson	J. Wickett	May 25, 1967	6 1/2	20	30	30	"	D	Brown clay 20; dirty gravel 28; shale 40. Water at 39.
RR	"	2 J. Green	"	Oct. 20, 1967	6 1/2	10	57	57	"	D	Brown clay 22; blue clay 32; grey shale 66. Water at 64.
RR	"	13 G. Salac	"	July 13, 1967	6 1/2	20	77	77	"	D, S	Brown clay 30; dirty gravel 39; grey shale 89. Water at 77.
RR	"	15 E. Thompson	"	May 14, 1964	5	15	32	32	"	D, S	Brown clay 20; blue clay 25; dirty gravel 20; hardpan 42; grey limestone 44. Water at 42.
RR	"	37 G. Jensen	"	July 8, 1967	6 1/2	20	67	67	"	D	Brown clay 30; dirty gravel 38; grey shale limestone 80. Water at 67.
RR	"	66 J. Hoskins	E. Culver	May 1, 1964	6 1/2	22	22	27 1/2	"	D	Clay stone 35; gravel 37. Water from 36 to 37.
RR	"	67 E. Blomkovist	J. Wickett	June 1, 1966	5	15	30	30	"	D, S	Brown clay 3; dirty gravel 60. Water at 60.
RR	"	74 K. Martindale	"	Aug. 8, 1966	5	10	60	60	"	D	Dirty gravel 25; shale 70. Water at 69.

Rainham Twp.

Con I	lot 4	J. McMane	G. Dennis & Sons	Oct. 12, 1965	6 1/2	32	9	9	Fresh	D	Brown clay 11; flint rock 32. Water at 12.
Con I	"	4 J. Campbell	E. Culver	June 7, 1967	6 1/2	1	30	18	"	D	Surface clay 15; flint 30. Water at 22 1/2.
Con I	"	6 J. Campbell	R. Nauman	Dec. 4, 1964	6 1/2	5	22	16	Sulphur	D	Brown clay 4; grey clay 14; flint 29. Water at 27.
Con I	"	8 I. Lamb	"	Sep. 12, 1966	6	10	18	15	"	D	Brown clay 4; grey clay 15; flint 31. Water at 29.
Con I	"	9 P. Snively	"	Sep. 14, 1964	6	2	18	14	Fresh	D	Brown clay 4; grey clay 12; flint 25. Water at 23.
Con I	"	9 J. McMullin	"	July 12, 1966	6	5	16	16	"	D	Brown clay 4; grey clay 15; flint 26. Water at 24.
Con I	"	9 A. DelBelBelluz	E. Culver	May 31, 1967	6 1/2	3	15	11	Sulphur	D	Surface clay 13; flint 26. Water at 25.
Con I	"	9 P. Cocchio	"	June 1, 1967	6 1/2	5	16	6	Fresh	D	Surface clay 12; flint 19. Water at 16.
Con I	"	9 E. Wheeler	R. Dennis	July 3, 1967	5	4	18	12	Sulphur	D	Brown clay 14; flint 26. Water at 24.
Con I	"	12 L. Bedell	"	Apr. 6, 1967	5	5	11	10	"	D	Brown clay 12; flint 24. Water at 23.
Con I	"	15 E. Trankner	E. Culver	Mar. 16, 1964	6 1/2	25	10	10	Fresh	D	Clay 12; flint 22. Water at 18.
Con I	"	16 E. Monkhouse	"	July 13, 1966	7	10	12	12	"	D	Clay 8; flint 30. Water at 29 1/2.
Con I	"	17 E. Martin	"	Mar. 11, 1965	6 1/2	3	30	15	Sulphur	D	Clay stone 2; flint 38. Water at 37.
Con I	"	17 A. Epps	J. Wickett	Aug. 19, 1966	5	3	30	15	Fresh	D	Broken clay 6; flint 30. Water at 25.
Con I	"	17 H. Etchells	"	Sep. 7, 1966	5	1	33	10	"	D	Brown clay 6; flint 33. Water at 31.
Con I	"	17 H. Byl	"	Oct. 12, 1966	5	4	25	12	"	D	Brown clay 8; flint 30. Water at 28.
Con I	"	18 B. Hubbert	G. Dennis & Sons	Sep. 16, 1965	6 1/2	3	27	9	"	D	Brown clay 14; flint 30. Water at 27.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOGS AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
HALDIMAND COUNTY - cont.											
Bainham Twp. - cont.											
Con I	lot 18	J. Verway	E. Culver	June 24, 1967	6 1/2	11	16	7	Fresh	u	Clay 13; flint 22. Water at 20.
Con I	"	19 L. Petrie	G. Dennis & Sons	Nov. 20, 1965	5	"	"	"	Sulphur	D	Overburden brown clay 10; flint 26. Water at 23.
Con I	"	23 S. Penrose	"	Oct. 29, 1964	6 1/2	7	27	11	Fresh	D	Surface clay 14; flint rock 30. Water at 27.
Con I	"	24 J. Gegluk	J. Wickett	Aug. 17, 1966	6 1/2	15	8	8	"	D	Sand 6; flint 25. Water at 25.
Con IV	"	5 E. Schwyer	R. Nauman	Jan. 10, 1967	5	12	22	22	Sulphur	S	Brown clay shell rock 4; flint 50. Water at 42.
Con IV	"	6 R. Nauman	"	Feb. 16, 1965	6	6	30	29	"	D	Brown clay 4; grey clay 18; flint 46. Water at 44.
Con IV	"	6 W. Nauman	"	Mar. 4, 1965	6	8	36	28	"	D	Brown clay 4; grey clay 17; flint 48. Water at 45.
Con IV	"	7 R. Weiderick	"	Sept. 24, 1964	6 1/2	4	36	35	"	D	Flint 43. Water at 40.
Con IV	"	11 Coral Creek Golf Club	E. Mitchell	Sept. 1, 1967	8 1/2	75	23	20	Fresh	Ir	Clay 11; flint 41. Water at 30.
Con IV	"	11 "	"	Sept. 6, 1967	8	85	23	20	"	Ir	Clay 10; flint 46. Water at 36 and from 42 to 44.
Con IV	"	11 "	"	Sept. 8, 1967	8	60	20	16	"	Ir	Clay 13; flint 36. Water at 30.
Con VII	"	3 A. Schwyer	R. Nauman	Apr. 19, 1965	6 1/2	20	28	24	Sulphur	D, S	Brown clay 4; grey clay 23; flint 40. Water at 37.
Con VII	"	1 J. Wall	R. Swayze	Feb. 18, 1964	6 1/2	20	21	17	Fresh	D	Clay gravel mixed 14; flint 40. Water at 37.
Con VIII	"	1 W. Person	"	Apr. 27, 1967	6 1/2	5	35	13	"	D	Clay 8; clay gravel 18; flint 40. Water at 35.
Con VIII	"	1 E. Huffman	"	June 2, 1967	6 1/2	3	30	9	"	D	Clay 20; flint 38. Water at 36.
Con VIII	"	2 G. Nykamp	"	July 16, 1965	6 1/2	25	30	11	"	S	Brown clay 5; flint 45; grey limestone 77. Water at 74.
Seneca Twp.											
Nelles Tract											
NT	lot 11	T. Gailas	E. Constable	June 15, 1967	6 1/2	15	40	25	Fresh	D	Topsoil 3; brown clay 40; blue clay hardpan 80; coarse gravel 82. Water at 80.
NT	"	D. Moore	J. Wickett	Sept. 26, 1966	5	15	47	47	"	D	Brown clay 23; blue clay 35; dirty gravel 40; brown shale 50; blue shale 55. Water at 52.
NT	"	H. Young	"	July 2, 1967	6 1/2	30	10	7	"	D	Sandy loam 2; dirty gravel 19; blue shale 22. Water at 21.
NT	"	F. Maxeiner	Cross Bros.	June 16, 1967	6 1/2	6	50	40	"	D	Brown clay 40; shale 55. Water at 53.
PRE Con I	lot 1	G. Deroo	F. Ince	Sept. 13, 1965	6 1/2	15	45	30	"	D	Brown clay 15; blue clay 63; shale 64. Water at 64.
PRE Con I	"	1 "	"	Jan. 21, 1966	6 1/2	20	50	20	"	D	Brown clay 10; blue clay 62; shale 64. Water at 64.
PRE Con I	"	1 F. Hammond	J. Wickett	Aug. 11, 1966	6 1/2	15	58	55	"	D	Brown clay 35; blue clay 45; shale 56; grey limestone 67. Water at 62.
PRE Con I	"	1 G. Deroo	F. Ince	May 25, 1966	6 1/2	20	50	25	"	D	Brown clay 10; blue clay 63; shale 64. Water at 64.
PRE Con I	"	2 M. Killman	J. Wickett	June 14, 1965	5	5	65	35	"	D	Brown clay 16; blue clay 72; gravel 75. Water at 72.
PRE Con I	"	2 A. Acciacaferro	J. Wickett	Sept. 21, 1964	6 1/2	15	85	18	"	D, S	Blue clay 80; dirty gravel 105; clay 115. Water at 115.
PRE Con I	"	"	"	June 17, 1965	5	18	25	0	"	D, S	Brown clay 15; blue clay 47; grey limestone 48. Water at 47 1/2.
PRE Con I	"	8 Vanhoeve Construction	Cross Bros.	June 24, 1967	6 1/2	10	40	20	"	D	Brown clay 18; grey clay 48; shale 50. Water at 50.
Plank Road West											
PRW Con I	lot 2	A. Hartog	F. Ince	Aug. 21, 1964	6 1/2	10	64	62	Fresh	D	Brown clay 10; blue clay 66; shale 72. Water at 68.
PRW Con I	"	2 S. Elzinga Bldr.	Cross Bros.	Mar. 14, 1966	6 1/2	"	"	"	"	"	Topsoil 1; brown clay 20; grey clay 62; limestone 80; blue shale 96. Dry hole.
PRW Con I	"	3 G. Deroo	F. Ince	July 14, 1964	6 1/2	15	60	59	Fresh	D	Brown clay 15; hardpan 65; shale 71. Water at 65.
PRW Con I	"	3 Seebeck Const. Ltd.	Hadco Well Digging Ltd.	Aug. 5, 1965	30	"	"	"	"	"	Clay large boulders 35; rock. Dry hole.
PRW Con I E 1/2	"	3 H. Young (Bldr.)	W. Packham	May 29, 1966	6 1/2	110	40	40	Sulphur	D	Clay 62; limestone 120. Water at 75.
PRW Con I E 1/2	"	3 C. Dunbrook	"	May 31, 1966	6 1/2	30	55	45	"	D	Clay 70; shale 73; limestone 75. Water at 73.
PRW Con I E 1/2	"	3 S. Elzinga (Bldr.)	Cross Bros.	June 3, 1966	6 1/2	5	52	12	"	D	Brown clay 18; blue clay 48; gypsum 52; limestone 56. Water at 55.

\* See end of Appendix C for the meanings of abbreviations and symbols.

HALDIMAND COUNTY - cont.

Seneca Twp. - cont.

Plank Road West cont.

PRW Con I E <sub>2</sub>	lot 3	C. Dunbar (Bldr.)	W. Packham	Nov. 15, 1966	6 $\frac{1}{2}$	30	50	47	Fresh	D	Clay 69;limestone 72. Water at 69.	
PRW Con I E <sub>2</sub>	"	G. Deroo	F. Ince	July 14, 1964	6 $\frac{1}{2}$	15	60	59	"	D	Brown clay 15;hardpan 65;shale 71. Water at 65.	
PRW Con I E <sub>2</sub>	"	Seebeck Const.	H. Johnson	Aug. 16, 1965							Brown clay 16;sandy clay shale 35;grey clay stone bed-rock 57. Dry hole.	
PRW Con I E <sub>2</sub>	"	3	Claradon Estate Ltd.	J. Wickett	Feb. 8, 1966	5	4	105	50	Sulphur	S	Brown clay 18;blue clay 35;dirty gravel 50;grey limestone 98;white Niagara limestone 110. Water at 105.
PRW Con I E <sub>2</sub>	"	3	D. Koning(Bldr.)	Cross Bros.	June 6, 1966	6 $\frac{1}{2}$	10	60	14	Fresh	D	Brown clay 24;grey clay 60;gypsum 67;limestone 69. Water at 69.
PRW Con I E <sub>2</sub>	"	4	T. McCartney	"	July 23, 1964	6 $\frac{1}{2}$	6	55	50	"	"	Topsoil 1;brown clay 16;blue clay 65;limestone 69. Water at 69.
PRW Con I E <sub>2</sub>	"	6	Gugenberger Sovereign Const.	J. Wickett	Sept. 9, 1966	5	15	62	62	"	"	Brown clay 39;dirty gravel 58;grey limestone 74. Water at 73.
PRW Con I E <sub>2</sub>	"	6	R. Fleming	"	Nov. 25, 1966	5	10	66	66	"	D	Brown clay 27;blue clay 54;shale 60;grey limestone 74. Water at 70.
PRW Con I E <sub>2</sub>	"	7	H. Thompson	F. Ince	Nov. 20, 1964	6 $\frac{1}{2}$	20	68	66	"	D, S	Brown clay 10;blue clay 60;shale 80. Water at 80.
PRW Con I E <sub>2</sub>	"	8	D. Koning(Bldr.)	Cross Bros.	Feb. 23, 1966	6 $\frac{1}{2}$	8	55	45	"	D	Brown clay 20;blue clay 46;gypsum 55;limestone 63. Water at 62.
PRW Con I E <sub>2</sub>	"	10	J. Williamson	J. Wickett	July 12, 1965	5	18	25	25	"	D	Brown clay 20;shale 37. Water at 30.
PRW Con I E <sub>2</sub>	"	11	L. Whitelaw	Cross Bros.	July 19, 1966	6 $\frac{1}{2}$	10	32	18	"	D	Brown clay 28;fine gravel 36;limestone 52. Water at 52.
PRW Con I E <sub>2</sub>	"	17	W. Parr	F. Ince	Oct. 13, 1966	6 $\frac{1}{2}$	3	75	40	"	D	Drilled in basement 5;brown clay 15;blue clay 82;limestone 85. Water at 82.
PRW Con I W $\frac{1}{2}$	"	2	M. Dubczonek	F. Ince	May 12, 1964	6 $\frac{1}{2}$	15	45	30	"	D	Brown clay 6;blue clay 60;shale 62. Water at 62.
PRW Con I W $\frac{1}{2}$	"	2	S. Elzinga(Bldr.)	Cross Bros.	July 28, 1964	6 $\frac{1}{2}$	10	50	35	"	D	Brown clay 32;grey clay 72;coarse gravel 74. Water at 74.
PRW Con I W $\frac{1}{2}$	"	3	R. Ferrell(Bldr.)	"	Feb. 14, 1964	6 $\frac{1}{2}$	5	55	35	"	D	Brown clay 20;grey clay 38;blue clay 56;limestone 62. Water at 60.
PRW Con I W $\frac{1}{2}$	"	3	"	"	Aug. 29, 1964	6 $\frac{1}{2}$	5	66	12	"	D	Topsoil 1;brown clay 20;grey clay 58;gypsum 66;limestone 70. Water at 69.
PRW Con I W $\frac{1}{2}$	"	3	"	"	Sept. 18, 1964	6 $\frac{1}{2}$	5	65	12	"	D	Topsoil 1;brown clay 22;grey clay 60;gypsum 67;limestone 70. Water at 68.
PRW Con I W $\frac{1}{2}$	"	3	Seebeck Const.	Hadco Well Digging Ltd.	Aug. 5, 1965	30						Clay large boulders 35;rock. Dry hole.
PRW Con II	"	3	W. Beswick	J. Wickett	Nov. 24, 1967	5	6	56	56	Fresh	D	Brown clay 15;blue clay 50;dirty gravel 65. Water at 65.
PRW Con III	"	4	P. Strafler	E. Constable	Oct. 5, 1964	6 $\frac{1}{2}$	3	160	130	"	D	Topsoil 3;grey clay 40;blue clay 68;limestone 165. Water at 158.
PRW Con III	"	"	T. McCartney	Cross Bros.	Nov. 4, 1966	6 $\frac{1}{2}$	10	65	62	"	S	Brown clay 18;blue clay 64;limestone 70. Water at 68.
River Range	lot 17	Can. Eng. Contr.	J. Wickett	May 16, 1967	6 $\frac{1}{2}$	24	29	29	Fresh	D	Brown clay 15;dirty gravel 25;shale 46. Water at 40.	
RR	"	18	J. Verduyn	"	Nov. 22, 1965	5	24	10	10	"	C	Brown clay 10;hardpan 28;grey shale 30. Water at 29.
RR	"	18	York United Church	"	Sept. 24, 1966	5	15	39	39	"	P	Brown clay 36;hardpan 47;sand 52;grey shale 54. Water at 47.
RR	"	18	R. Edwards	"	Nov. 3, 1966	5	10	39	39	"	D	Dug well 28;brown clay 33;shell rock 50. Water at 46.
RR	"	18	J. Asinga	"	Sept. 4, 1967	6 $\frac{1}{2}$	20	29	29	"	D	Brown clay 23;shell rock 40. Water at 38.
RR	"	37	C. Fay	"	Oct. 5, 1965	5	1	20	20	Sulphur	N	Brown clay 30;hardpan 33;grey limestone 55. Water at 55.
RR	"	37	C. Fay	"	Oct. 7, 1965	5	10	20	17	Fresh	D	Well pit 5;brown clay 18;hardpan 25;grey limestone. Water at 25.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
HALDIMAND COUNTY - cont. Seneca Twp. - cont.										
SCRNW Con I lot 7	D. Reed	J. Wickett	Oct.25,1965	5	10	22	22	Fresh	D,S	Brown clay 23;blue clay pebbles 62;gravel 63. Water at 62.
SCRNW " " 13	A. Emery	E. Constable	June 6,1966	5 1/2	5	26	20	"	D	Topsoil 4;brown clay boulders 34;blue clay 52;coarse gravel 56. Water at 52.
SCRNW " " 13	F. Vanoirschot	"	May 19,1967	6 1/2	20	50	30	"	D,S	Topsoil 5;brown clay 35;blue clay 55;grey shale 65;red shale 75. Water at 72.
SCRNW " " 17	C. Cussoren	F. Ince	Jan.11,1967	6 1/2	5	110	40	Sulphur	D	Brown clay 15;blue clay 86;limestone 115. Water at 114.
SCRNW Con II " 10	B. Walker	J. Wickett	Apr.29,1966	5	16	43	43	Fresh	D,S	Brown clay 18;blue clay 78;dirty gravel 87. Water at 86.
SCRS Con I " 17	M.Csorby	"	June 15,1966	5 1/2	5	23	15	"	D	Topsoil 4;brown clay boulders 20;blue clay boulders 70;coarse gravel 74. Water at 70.
SCRS Con II " 1	J.Mahoney	S.Merritt	Dec.18,1967	6 1/2	1 1/2	117	35	"	S	Clay 36;clay gravel 58;shale 65;white rock 90;Niagara rock 117. Water at 65.
SCRS Con II " 6	H.Turnbull	R.Swayze	Dec.22,1964	6 1/2	30		22	irony	S	Clay 50;gravel clay 60;shale limestone 65. Water at 61.
SCRS Con II " 13	A.Allen	P.Ince	May 29,1964	6 1/2	8	50	30	Fresh	D	Brown clay 10;blue clay 60;gravel 62. Water at 60.
SCRS Con III " 2	L.Bruttocao	E.Constable	Sep.26,1967	6 1/2	20	20	20	"	D,S	Black muck 35;blue clay 41;grey shale 48. Water at 46.
SCRS Con III " 5	L.Patterson	"	Sep.15,1967	6 1/2	10	48	35	Fresh	D,S	Topsoil 4;brown clay 30;blue clay 50;grey shale 58. Water at 56.
SCRS Con III " 7	J.Downnie	"	Dec.22,1967	6 1/2	5	30	20	"	D,S	Topsoil 4;brown clay 30;blue clay 39;grey shale 60;blue shale. Water at 60.
SCRS Con III " 13	R.Hewit	J.Wickett	Apr.14,1965	5	5	95	50	"	D,S	Brown clay 20;blue clay 40;hardpan 81;grey limestone 100. Water at 93.
SCRS Con IV " 10	J.Tomlinson	E.Constable	Sep. 1,1967	6 1/2	10	60	35	"	D,S	Topsoil 3;brown clay 25;blue clay 56;grey shale 68. Water at 66.
SCRS Con IV " 15	H.Parker	E.Ricker & Son	July 17,1965	6 1/2	30	26	18	"	D,S	Brown clay stones 20;blue clay 55;fine gravel 56;shale 62; limestone 63. Water at 63.
Van Every Tract	H. Ward	J. Wickett	Dec.21,1966	5	16	55	55	"	D	Sandy loam 10;brown clay 18;blue clay 62;grey limestone 70. Water at 66.
Young Tract	J. Matosick	E. Constable	Oct.23,1967	6 1/2	20	45	35	"	D	Topsoil 4; brown clay 50;blue clay 76;fine gravel 81. Water at 78.
Sherbrooke Twp.										
Con I lot 13	"	F.Merritt	Aug.29,1966	6 1/2	2	75	40	Sulphur	D	Brown clay 15;blue clay 66;flint 83. Water at 80.
Con II " 12	M.Dickout	Caughell Bros.	Aug.16,1965	6	10	25	18	Fresh	S	Clay 25;quicksand 35;clay stone hardpan 38;flint 73;limestone 80. Water at 78.
South Cayuga Twp.										
FT lot 2	J.Hatray	J.Wickett	Sep.12,1966	5	15	12	12	Fresh	D	Brown clay 2;dirty gravel 32;grey shale 36. Water at 30.
Con III " 26	J.Thomson	"	June 30,1965	5	12	28	20	"	D	Brown clay 20;dirty gravel 33;grey limestone 35. Water at 33.
Con III " 26	V.Alger	"	July 3,1965	5	10	29	25	"	D	Brown clay 10;gravel 34;grey limestone 37. Water at 33.
Con III " 26	H.Bleckman	"	July 6,1965	5	12	24	24	"	D	Brown clay 16;dirty gravel 29;grey limestone 35. Water at 30.



HALDIMAND COUNTY - cont.

South Cayuga Twp.--cont.

Con III	lot 26	C.Ridge	E.Culver	July 7, 1964	6 1/2	10	25	25	Fresh	D	Clay 22; gravel 24; soft grey limestone 33. Water at 31.
Con III	" 26	J.Bush	J.Wickett	Sep. 1, 1967	6 1/2	20	16	16	"	D	Brown clay 4; dirty gravel 21; shale 27. Water at 23.
Con IV	" 25	J.Hamilton	"	Oct. 14, 1965	5				"	"	Brown clay 13; flint 52. Dry hole.
Con VI	" 24	R.Diwell	R.Nauman	Feb. 8, 1965	6	12	20	16	Fresh	D, S	Brown clay 3; grey clay 8; flint 30. Water at 27.
Con VII	" 14	D.Edge	J.Wickett	June 27, 1966	6 1/2	2	30	21	"	D	Brown clay 10; flint 31. Water at 30.
Con VII	" 14	L.Bellamy	"	July 8, 1966	6 1/2	1	30	12	"	D	Brown clay 11; flint 33. Water at 31.
Con VII	" 15	C.Cantubury	"	June 24, 1966	6 1/2	20	19	19	"	D	Brown clay 8; flint 27. Water at 20.
Con VII	" 15	R.Culp	"	June 29, 1966	6 1/2	12	20	13 1/2	"	D	Brown clay 11; flint 30. Water at 29.
Con VII	" 15	J.Cronshaw	E.Culver	July 26, 1967	6 1/2	5	14	14	"	D	Clay 11; flint 22. Water at 21.
Con VII	" 15	N.Snell	J.Wickett	Oct. 10, 1967	6 1/2	5	12	10	"	D	Brown clay 9; flint 20. Water at 16.
Con VII	" 16	G.Sinclair	F.Ince	June 17, 1966	6 1/2	10	20	12	"	D	Brown clay 9; flint 25. Water at 24.
Con VII	" 15	V.Bergott	E.Culver	Apr. 16, 1964	6 1/2	2	20	3	"	D	Clay 4; flint 21. Water at 8 and 20.
Con VII	" 15	J.Graper	"	Apr. 22, 1964	6 1/2	22	20	6	"	D	Clay 3; flint 21. Water at 8 and 20.
Con VII	" 15	A.Smillie	"	June 12, 1964	6 1/2	2	20	15	"	D	Clay 14; flint 20. Water at 18.
Con VII	" 15	E.Beadle	"	July 17, 1964	6 1/2	5	20	13	"	D	Clay 9; flint 21. Water at 20.
Con VII	" 17	E.Ruettimann	"	July 31, 1964	6 1/2	26	26	17 1/2	"	D	Clay 15; flint 26. Water at 25.
Con VII	" 27	W.Zapp Sr. & W.Zapp Jr.	"	May 27, 1964	6 1/2	36	36	21	"	D	Clay 18; flint 36. Water at 24.

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Walpole Twp.

Con I	lot 11	J.Bakty	G.Dennis & Sons	June 25, 1964	6 1/2	45	45	15	Sulphur	D	Overburden 11; flint 54. Water at 53.
Con I	" 11	G.Campbell	"	June 22, 1964	6 1/2	45	13	13	"	D	Overburden 7 1/2; flint 43. Water at 43.
Con I	" 16	G.Bogley	J.Wickett	July 4, 1966	5	10	50	25	"	D	Brown clay 28; blue clay 38; flint. Water at 58.
Con I	" 16	"	"	July 6, 1966	5	5	60	30	"	D	Brown clay 25; blue clay 40; flint. Water at 66.
Con I	" 19	J.McKeil	E.Mitchell	Feb. 13, 1965	6 1/2	25	20	13	"	D	Clay 20; flint 45. Water at 44.
Con I	" 22	W.Slack	J.Nauman	June 30, 1965	6 1/2	16	15	13	"	D	Brown clay 4; grey clay 10; flint 27. Water at 25.
Con I	" 22	"	"	July 8, 1965	6 1/2	16	16	14	"	D	Brown clay 4; grey clay 11; flint 28. Water at 26.
Con I	" 22	P.Reiland	E.Stewart & Son	May 22, 1966	5	15	25	18	"	D	Clay 10; flintstone 29. Water at 29.
Con I	" 22	P.Reiland	F.Ince	Aug. 17, 1966	6 1/2	20	14	12	"	D	Brown clay 9; limestone 23. Water at 22.
Con I	" 22	J.Petrie	"	Aug. 18, 1966	6 1/2	10	16	14	"	D	Brown clay 10; limestone 26. Water at 25.
Con I	" 22	"	"	Aug. 18, 1966	6 1/2	10	20	16	"	D	Brown clay 12; limestone 27. Water at 26.
Con I	" 22	"	"	Aug. 20, 1966	6 1/2	10	19	18	"	D	Brown clay 10; limestone 25. Water at 24.
Con I	" 23	G.Davis	G.Dennis & Sons	May 30, 1964	5	200	10	2	"	D	Overburden 9; flint 17. Water at 17.
Con I	" 23	J.Connors	"	July 1, 1965	6 1/2	4	19	16	"	D	Overburden 12; flint 26. Water at 23.
Con I	" 24	P.Jackson	"	July 1, 1964	6 1/2	250	12	12	"	D	Overburden 11; flint 26. Water at 24.
Con I	" 24	R.Johnstone	"	July 4, 1964	6 1/2	8	15	5	"	D	Overburden 11; flint 21. Water at 16.
Con I	" 24	A.Allewell	Cross Bros.	Aug. 31, 1965	6 1/2	2	35	10	"	D	Brown clay 15; flint stone 40. Water at 38.
Con I	" 24	G.Buriss	"	Sep. 2, 1965	6 1/2	5	26	12	"	D	Brown clay 12; flint stone 28. Water at 28.
Con I	" 24	A.Hannah	"	Sep. 3, 1965	6 1/2	3	16	4	"	D	Brown clay 12; flint stone 18. Water at 16.
Con I	" 24	L.Denholm	"	Sep. 7, 1965	6 1/2	3	20	12	"	D	Brown clay 14; flint stone 24. Water at 20.
Con I	" 24	T.Smith	R.Dennis	May 18, 1967	6	3	12	9	"	D	Overburden clay 3; flint rock 17. Water at 16.
Con II	" 24	R.Rhora	"	July 10, 1967	6	1	31	22	"	D	Brown clay 18; flint rock 37. Water at 32.
Con III	" 10	R.Hare	G.Dennis & Sons	Sep. 9, 1965	6 1/2	14	70	62	"	D	Brown clay 17; flint rock 74. Water at 71.
Con III	" 12	S.Walpole School Area	R.Swayze	May 7, 1964	6 1/2	25	44	44	"	P	Clay 20; flint 75. Water at 73.
Con VI	" 15	N.Nopper	E.Mitchell	Nov. 5, 1964	6 1/2	16	47	37	"	S	Clay 10; flint 57. Water at 36 and 54.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HALEDIMAND COUNTY -cont										
Walpole Twp. - cont.										
Con VI lot 22	F. Rauwerda	E. Mitchell	June 2, 1964	6 1/4	10	45	20	Sulphur	D	Grey clay 10; flint 58. Water at 56.
Con VII " 1	Hardwick, Chamberlain Farm	"	Aug. 5, 1966	8	6	89	69	"	D, S	Sandy clay 40; flint 105. Water at 102.
Con VII " 1	T. Kish	P. Neudent	June 30, 1967	36						Topsoil 1; grey clay 38; rock. Dry hole.
Con VIII " 6	O. Williamson	R. Swayze	Mar. 18, 1964	6 1/4	1	48	23	Fresh	D	Dug well 24; clay stones 34; flint 50. Water at 48.
Con VIII " 10	E. Shedler	E. Mitchell	May 24, 1966	10	10	33	18	"	P	Brown clay 10; gravel 15; flint 40. Water at 38.
Con VIII " 24	Tabu Motel	"	Aug. 5, 1967	6 1/4	5	30	20	"	D	Grey clay gravel 32; brown limestone 37. Water at 35.
Con IX " 2	W. Campbell	"	Feb. 4, 1964	6 1/2	24	90	55	Sulphur	S	Clay 42; flint 95; grey brown limestone 120. Water at 103 and from 113 to 118.
Con X " 4	E. Parkinson	"	Aug. 25, 1967	6 1/4	9	31	20	"	D, S	Grey clay 46; flint 61. Water at 60.
Con XI " 7	C. Phillips	R. Swayze	Sep. 15, 1967	6 1/4	30	25	18	"	D	Clay 23; flint 62. Water at 59.
Con XI " 11	Midtown Motors	E. Mitchell	Aug. 16, 1965	6 1/4	10	30	20	Fresh	D	Grey clay 16; flint 40. Water at 38.
Con XI " 11	R. Schurr	"								
Con XI " 11	C. Harrop	"	Aug. 23, 1965	6 1/4	2	85	24	Sulphur	D	Grey clay 11; flint 60; grey brown limestone 87. Water at 52 and 79.
Con XII " 4	J. Kochur	G. Wallis	Dec. 8, 1964	6 1/4	20	74	35	"	D, S	Brown clay 15; blue clay 22; gravelly blue clay 28; flint 30; grey limestone layers flint 42; grey limestone 88. Water at 86.
Con XII " 6	J. Bradshaw	R. Swayze	Sep. 21, 1967	6 1/4	5	45	24	Fresh	D	Clay 17; flint 50. Water at 48.
Con XII " 17	Hewitt's Dairy	E. Mitchell	Apr. 28, 1965	6 1/4	12	31	35	"	In	Clay 6; flint 30; grey brown limestone 75. Water at 20, 47 and 70.
Con XIII " 6	L. Tiessen	R. Swayze	Feb. 3, 1964	6 1/4	4	80	28	"	D	Clay 15; flint 45; limestone 90. Water at 35.
Con XIII " 6	A. Winger	"	Oct. 3, 1966	6 1/4	30	32	32	"	D, S	Yellow clay 17; grey limestone 70. Water at 65.
Con XIII " 8	A. Bowen	E. Mitchell	Nov. 17, 1967	6 1/2	24	50	32	"	S	Grey clay 23; flint 40; brown grey limestone 70. Water at 48 and 68.
Con XIII " 10	L. Gowan	E. Stewart	Dec. 2, 1964	5	5	90	30	"	D, S	Clay 40; hard limestone 95. Water at 75.
Con XIV " 7	Pearce Constr. Ltd.	E. Mitchell	July 29, 1965	6 1/4	12	22	2	"	D	Grey clay 22; grey clay gravel 47; gravel 48. Water at 48.
Con XIV " 7	"	"	Jan. 8, 1966	6 1/4	15	9	4	"	D	Grey clay 32; coarse gravel 50. Water at 49.
Con XV " 1	A. Thompson	R. Swayze	Oct. 25, 1966	6 1/4	15	53	54	"	D	Clay 10; limestone 72. Water at 69.
Con XV " 5	I. Carpenter	E. Mitchell	Dec. 2, 1967	6 1/2	10	30	25	"	D, S	Clay 5; grey limestone 29; brown grey limestone 50. Water at 48.
Con XV " "	ffman	"	Aug. 17, 1964	6 1/4	10	40	27	"	D, S	Clay shale 5; grey shale 15; grey limestone 48. Water at 42.
Con XV " 6	A. Bowman	"	Oct. 3, 1966	6 1/4	10	25	20	"	D	Grey clay 10; grey limestone 44. Water at 41.
Con XV " 7	O. Cockrane	"	June 3, 1965	6 1/4	10	5	Flows	"	D	Clay 37; gravel 42; grey limestone 45. Water at 45.
Con XV " 8	H. Sloate	J. Wickett	June 10, 1967	6 1/4	24	8	0	"	D	Brown clay 13; shale 24. Water at 20.
Con XV " 9	C. Morgan	E. Mitchell	Apr. 8, 1965	6 1/4				"		Clay 30; grey limestone 80. Dry hole.
Con XV " 9	"	"	Apr. 14, 1965	6 1/4				"		Clay 30; grey limestone 50. Dry hole.
Con XVI " 5	M. Belore & G. Belore	"	Nov. 9, 1964	6 1/4	15	20	7	Fresh	D, S	Clay 36; clay gravel 38; gravel 40; grey limestone 41. Water at 41.

HURON COUNTY Ashfield Twp. Con I		lot 12	L.Johnsoton	G.L.Davidson	Apr.20,1967	5½	20	75	72	Fresh	D	Topsoil ½; sandy clay 14; blue clay 17; gravel 24; hardpan clay 41; sand 49; clay 64; clay stony hardpan 102; brown white hard rock 150; brown medium hard rock 202. Water at 202.
ED Con III	"	2	E.Draper	W.Hopper & Sons	Aug.14,1964	4	11	76	75	"	D	Topsoil clay sand 7; blue clay 62; stones 64; blue clay 70; brown limestone 105; light grey limestone 134. Water from 120 to 134.
ED Con III	"	10	H.Burgsma	G.L.Davidson	Mar.31,1967	5	15	130	96	"	D,S	Topsoil ½; clay 15; sand gravel 19; clay sand 40; clay sand gravel 57; stony hardpan 87; brown medium limestone 193; brown hard limestone 202. Water at 155 and 200.
ED Con IV	"	8	R.Eedy	"	Apr. 4,1967	5	10	130	105	"	D,S	Topsoil ½; sand 8; clay 29; gravel 31; clay 45; sand clay 72; hardpan 99; limestone brown medium hard 223; brown medium limestone 232. Water at 145 and 230.
ED Con IV	"	12	A.Van Dongen	Ladco Drlg & Exploration Co.	July 2,1964	4	10	110	100	"	D,S	Clay rocks 100; cemented gravel 126; clay 128; brown limestone 133. Water from 130 to 133.
ED Con IV	"	12	West Wawanosh Mutual Ins.Co.	G.L.Davidson	Nov.14,1964	5	20	150	127	"	D	Fill 8; clay 20; stony hardpan 112; brown hard shale 118; brown hard limestone 275. Water from 190 to 275.
ED Con V	"	12	T.Wiggins	Ladco Drlg & Exploration	June 3,1966	4	10	105	90	"	D,S	Clay rocks 118; light brown limestone 190. Water at 190.
ED Con V	"	12	A.Sherwood	G.L.Davidson	Sep.17,1965	5	25	155	127	"	D	Topsoil 1½; stony clay sand 42; boulders silt 47; hardpan 80; stony hardpan 114; white brown clay shales 129; brown hard rock 168; brown medium hard rock 248. Water from 246 to 248.
ED Con VI	"	11	P.Ceasar	"	June 1,1966	4	10	90	86	"	D,S	Fill 4; clay sand gravel 19; clay 60; sand gravel 64; hardpan stones boulders 133; brown hard rock 194; light brown medium soft rock 202. Water at 202.
ED Con VIII	"	10	A.Juba	"	May 31,1967	4	15	25	23	"	D	Topsoil ½; sand gravel 4; clay stones 23; gravel sand 54; brown hard limestone 75; brown medium limestone 126. Water at 126.
ED Con VIII	"	12	Ashfield School area#2	"	Apr.29,1966	6½	32	74	65	"	F	Sand gravel 12; clay stones 18; gravel 24; hardpan 66; brown clay 72; brown soft shale 92; brown rock 189. Water from 125 to 189.
ED Con X	"	4	H.Wilkins	"	June 17,1963	4	10	65	49	"	D,S	Topsoil 2; clay 19; hardpan clay 106; hardpan 140; gravelly hardpan 159; brown shale 171; brown rock 196. Water at 196.
ED Con X	"	5	A.VanOsch	"	May 11,1965	4	8	110	103	"	D,S	Topsoil ½; bridging brown clay 93; hardpan 116; brown shale 130; grey hard rock 149; brown medium hard rock 172. Water at 172.
ED Con X	"	7	J.Holcak	"	Oct. 4,1966	4	5	110	91	"	D,S	Topsoil 1; brown clay 8; sandy clay 43; bridging clay 56; sand gravel 67; bridging clay 98; gravelly hardpan 119; hardpan 174; broken brown rock 188; brown rock 217. Water at 217.
ED Con XI	"	12	G.Lucas	"	Sep.24,1965	4	10	60	51	"	D	Dug well 18; soft blue clay 40; hardpan 55; blue clay 87; gravel coarse silt 97; brown shale 102; brown medium hard limestone 146. Water at 146.
ED Con XII	"	1	P.VanOseh	"	Aug.25,1965	4	10	125	93	"	D,S	Topsoil 1; brown clay 8; sand gravel hardpan 27; blue clay 64; clay stony hardpan 155; brown white shale 160; brown hard rock 208; light brown hard rock 217. Water at 208 and 217.
ED Con XII	"	9	L.Hackett	"	Jan.21,1964	4	6	146	126	"	D,S	Fill 3; brown clay 60; hardpan clay 165; hardpan sand 176; brown soft shale 184; brown hard rock 246. Water at 246.
ED Con XIII	"	2	D.Hogan	"	Oct.26,1966	4	10	80	74	"	D,S	Topsoil 1; clay 19; blue clay 80; clay stones 102; sand gravel 129; stony hardpan 145; white brown hard rock 160; brown medium hard rock 187. Water at 187.

\* See end of Appendix C for the meanings of abbreviations and symbols.

**APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967**

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Ashfield Twp. - cont. ED Con XIV lot 9		H.Ritchie	G.L.Davidson	Mar. 4, 1965	4	15	60	54	Fresh	D,S	Clay 17; gravel sand 26; quicksand 65; sand hardpan 130; brown soft shale 133; brown hard rock 178; brown soft rock 202. Water at 202.
FC NTP	" 1	G.Gardiner	"	July 13, 1967	4	7	30	6	"	D	Topsoil 1; clay 60; hardpan 82; brown shale 98; brown blue soft limestone shale 139. Water at 139.
FC NTP	" 7	M.Garvey	W.Hopper & Son	Aug. 14, 1967	5	9	80	60	"	D	Topsoil 1; yellow clay 10; blue clay 90; hardpan 160; loose rock 167; brown limestone 225. Water from 190 to 225.
FC NTP	" 11	E.Vogel	"	July 2, 1966	5	12	16	15	"	D	Blue clay 65; stones gravel 75; hardpan 89; brown limestone 103; white limestone 124. Water from 108 to 124.
FC NTP	" 11	L.Miller	"	Aug. 3, 1966	5 1/2	18	7	2	"	D	Blue clay 56; hardpan 60; shale 89; white limestone 116. Water from 100 to 116.
FC NTP	" 14	E.Lambertus	"	Sep. 22, 1964	4	20	75	67	"	D	Topsoil 1; brown clay 11; sand gravel 14; blue clay 108; brown shale 111; brown medium soft limestone 136. Water at 136.
FC NTP	" 15	G.Kazma	"	May 31, 1965	5	12	30	15	"	D	Yellow clay 8; blue clay 68; hardpan 88; brown rock 145. Water 130 to 145.
FC NTP	" 22	W.VanOsch	G.L.Davidson	Sep. 12, 1967	4	40	40	67	"	D	Topsoil 1; brown clay 14; blue clay 50; soft marl clay 63; clay stones 170; hardpan 184; soft shale 191. Water at 191.
FC NTP	" 26	G.MacDonald	Hopper Well Drig	Aug. 25, 1966	5 1/2	16	45	43	"	D	Blue clay 150; hardpan stones 169; brown caving shale 240; light brown limestone 268. Water from 242 to 268.
FC NTP	" 38	Twp Ashfield	G.L.Davidson	Nov. 21, 1966	4	12	70	66	"	P	Clay 18; gravel 22; blue clay 148; gravelly hardpan 162; hardpan 178; shale brown soft clay 208; brown soft rock 232. Water at 232.
FC STP	lot 1	C.Hayden	G.L.Davidson	June 8, 1964	4	10	80	72	Fresh	S	Blue clay 70; brown hard shale 97; brown hard rock 133. Water at 133.
FC STP	" 3	F.Crawford	P.Jackson	Oct. 16, 1965	4	12	60	60	"	D	Hardpan 13; blue clay 100; shale rock 109; limestone 119. Water at 112.
FC STP	" 6	J.Graham	G.L.Davidson	Nov. 15, 1965	5 1/2	36	60	49	"	D	Topsoil 1; clay 55; brown caving shale 58; brown hard limestone 74. Water at 74.
FC Port Albert Townplot		Dr. O. Schuh	G.L.Davidson	May 17, 1966	4	12	67	62	"	D	Topsoil 1; brown clay 11; blue sticky clay 108; clay brown shale 121; brown soft rock 142. Water at 142.
		E.Johnston	W.Hopper & Sons	May 10, 1967	4	5	30	3	"	D	Yellow clay 5; blue clay 70; hardpan 90; broken limestone 95; brown limestone 130. Water from 120 to 130.
		M.Hobbs, & R.Graham	"	July 10, 1967	4	50		Flows	"	D	Topsoil 1; sandy clay 3; dirty clay 18; hardpan 40; gravel 47; grey limestone 50. Water from 47 to 50.
		H. Pepper	"	July 25, 1967	5	10	30	6	"	D	Topsoil 1; yellow clay 10; blue clay 130; hardpan 182; loose rock 188; brown limestone 230. Water from 200 to 230.
WD Con II	lot 1	C.Hayden	G.L.Davidson	June 2, 1964	4	10	90	78	"	D,S	Blue clay 36; sand 42; blue clay 70; brown shale 87; brown hard rock 141. Water at 141.
WD Con X	" 3	T.Reurink	"	Jan. 30, 1964	4	10	102	94	"	D,S	Dry well 5; blue clay 68; hardpan 91; brown shale 102; grey hard rock 125; brown medium hard rock 141; light brown hard rock 146; greyish brown soft rock 153. Water at 153.
WD Con X	" 3	F.VanDiepen-beck	"	Jan. 15, 1966	4	10	80	79	"	D,S	Brown clay 17; blue clay 80; hardpan gravel 91; white brown shale 94; brown hard rock 97; brown soft shale 101; brown medium hard rock 127. Water at 127.
WD Con X	" 6	Y.Sinnett	"	Sep. 29, 1966	5	10	120	86	"	D,S	Topsoil 1; brown clay 14; blue clay 67; hardpan 73; bridging clay 78; stony hardpan 113; brown hard limestone 132; brown medium hard limestone 168. Water at 168.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Colborne Twp. - cont. ED Con VI lot 1	Colborne Twp. School Board	Ladco Drilling	Aug.21,1964	6½	30	235	174	Fresh	P	Clay rocks 65;gravel 85;clay 110;sand 135;clay rocks 195; brown limestone shale ledges 290;grey limestone 370. Water at 225, 265, 365, 370.
ED Con VI " 1	J. Treble	"	Oct. 5,1966	4	10	150	130	"	D,S	Clay rocks 195; brown limestone 230. Water at 225.
ED Con VII " 1	V. Bean	"	July 18,1963	4	6	200	190	"	D,S	Brown clay rocks 18;grey clay rocks 70;sand 130;grey clay rocks 218;light grey limestone 226. Water from 225 to 226.
ED Con VIII " 2	L. Lounsbury	"	Mar.12,1966	4	10	165	165	"	D,S	Old well 60;sand clay layers 120; clay stones 185;light limestone 198. Water at 197.
ED Con IX " 2	R. Glen	"	Nov.13,1964	5	8	200	190	"	D,S	Brown clay 6;sand 80;clay rocks sand layers 220;light brown limestone 275. Water at 270.
WD Broken Front 2	United Church Summer School	G.L.Davidson	Dec. 6,1967	5	60	95	78	"	P	Topsoil 1;red clay 8;blue clay 103;clay stones 107;brown shale 118;brown soft limestone 124;brown broken shale 140. Water at 140.
WD " lot 7	Ont.Dept. of Lands & Forests	G.Goodberry Well Drilling Ltd.	May 3, 1966	6	18	91	59	"	P	Topsoil 2;clay 101½;gravel clay 138;gravel 143. Water at 140 and 143.
WD " " 12	E. Pike	W.Hopper & Sons	May 22,1964	4	10	24	10	"	D	Blue clay 48;hardpan 66;brown limestone 120. Water from 110 to 120.
WD Con I " 3	T. Lamb	"	Dec. 8,1965	5	10	185	173	"	D,S	Fill 4;gravel clay 28;blue clay 90;hardpan 143;brown rock 242. Water from 210 to 242.
WD Con VII " 12	E. Sherwood	Ladco Drilling	Nov. 2,1965	4	10	110	100	"	D,S	Clay rocks sand layers 142;brown limestone 147. Water at 145.
WD Con VIII " 3	B. Clifford	W. Hopper & Sons	July 5,1967	4	6	165	162	"	D	Sand gravel 35;sandy clay 80;hardpan 171;loose rock 175; brown limestone 225. Water from 200 to 225.
WD Con VIII " 9	F. Dam	G.L.Davidson	Apr.26,1967	5	7½	98	93	"	D,S	Topsoil 1;sand 4;clay 51;sand gravel 54;clay stones 72; hardpan 101;brown medium soft shale 109;brown yellow soft limestone 127. Water at 127.
WD Con VIII " 10	J. Redmond	Ladco Drilling	Oct.29,1965	5	10	115	95	"	D,S	Clay rocks 103;brown limestone 165. Water at 160.
WD Con IX " 1	J. Clement	G.L.Davidson	July29,1966	4	150	90	80	"	D	Topsoil 1;red clay 16;blue clay 19;sandy gravel 21;hardpan clay 39;sand 46; clay hardpan stony 101;brown medium hard rock 180;brown soft rock 201. Water at 201.
WD Con IX " 5	O. Ribey	"	June 23,1964	5½	10	127	111	"	D,S	Brown clay 20;sand 28;sand gravel 54;stone hardpan 84; brown soft shale 110;brown soft limestone 152. Water at 152.
WD Con IX " 7	R. Kerr	Ladco Drilling & Exploration Co.	June 9,1967	5	10	105	98	"	D,S	Clay rocks 129;light brown limestone 185. Water at 180.
WD Con IX " 8	"	"	Feb.24,1965	5	10	100	90	"	D,S	Brown clay 5;grey clay rocks 118;light brown limestone 160. Water at 156.
WD LRE " 2	G. Boyle	"	June 1,1965	4	10	100	83	"	D,S	Clay rocks 85;brown limestone shale layers 150. Water at 95.
WD LRE " 8	S. Lawson	G.L.Davidson	Sep. 8,1967	4	8	74	67	"	D,S	Sand 8;clay 99;hardpan 111;limestone 127. Water at 127.
WD LRW " 6	T. Kolkman	F.Jackson	Apr.14,1966	4	12	86	86	"	D	Sandy loam 3;yellow clay 15;blue clay 80;gravel boulders 86; limestone 113. Water at 90 and 111.
WD LRW " 7	Ont.Dept. of Lands & Forests	Provincial Drilling	Feb. 5,1965	6	11	110	66	"	P	Topsoil 2;yellow clay 12;grey clay 85;grey clay gravel 110; fine yellow sand 120;sandstone 144. Water at 130.
WD LRW " 7	"	"	Mar. 9,1965	6	12	41	24	"	P	Fine sand 22;sandstone 62. Water at 55.
WD LRW " 8	"	"	Mar.30,1965	6	12	94	66	"	P	Topsoil 2;yellow clay 12;grey clay fine gravel 94;fine sand 104;sandstone 123. Water at 115.
WD LRW " 8	"	"	Apr.26,1966	6	20	95	73	Sulphur	P	Topsoil 2;clay 51;clay gravel 59;blue limestone 150. Water at 101 and 132.

HURON COUNTY - cont.  
Colborne Twp. - cont.

WD	lot A	R. Arnold	W.Hopper & Sons	Aug.24,1967	4	8	93	90	Fresh	D	Topsoil 1;sand 7;blue clay 100;hardpan 115;loose rock 120; brown limestone 160. Water from 150 to 160.
WD	" A	F. Battersby	"	Aug.31,1967	4	8	94	90	"	D	Topsoil 1;sand 6;blue clay 97;hardpan 117;loose rock 122; brown limestone 175. Water from 160 to 175.
WD	" A	R. Pattison	G.Davidson & Son	Oct. 7,1966	4	10	90	83	"	D	Sand clay 14;blue clay 140;clay stones 153;brown soft shale 157;brown medium rock 202. Water at 186 and 202.
WD	" C	J. Wilson	W.Hopper & Sons	Aug.22,1967	4	8	102	100	"	D	Fill 1;sand 8;yellow clay 14;blue clay 98;hardpan 127;loose rock 130;brown limestone 170. Water from 150 to 170.
WD	" D	F. Shields	G.L.Davidson	Nov.4,1964	4	12	103	103	"	D,S	Brown clay 12;blue clay 68;hardpan 90;brown shale 113;brown soft rock 172. Water from 160 to 172.
WD	" F	J. Redmond	Ledco Drilling & Exploration Co.	June 6,1967	5	10	97	92	"	D,S	Clay rocks 117; brown limestone 170. Water at 165.
WD	Falls Reserve	K. Hunter	G.L.Davidson	July18,1967	4	10	30	24	"	D	Topsoil 1;clay stones 12;grey blue hard limestone 18;brown medium hard limestone 82. Water at 66 and 82.

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East Wawanosh Twp.	lot 30	R.Lubbers	G.L.Davidson	Feb.17,1966	4	10	82	78	Fresh	D,S	Clay sand gravel 12;blue clay 28;sand gravel stones 62;shales sand 78;brown very hard limestone 138;light brown medium hard limestone 155. Water from 150 to 155.
Con II	" 37	A.Toll	"	Apr.20,1965	4	15	55	46	"	D,S	Topsoil 1;fill 4;gravel sand 20;coarse gravel stones 33;stony hardpan boulders 113;blue grey loose shale 117;brown shale 121;grey medium hard rock 135;brown soft rock 170. Water from 160 to 170.
Con III	" 38	R.Charter	"	July21,1964	4	15	30	20	"	D,S	Topsoil 1;brown clay 8;sand 13;stony hardpan 44;gravel 53; hardpan stone boulder 102;soft buff shale 107;brown medium hard shale 111;brown medium hard limestone 128; grey medium hard limestone 134;brown medium hard limestone 145;brown soft limestone 157. Water from 145 to 157.
Con VII	" 28	S.Thompson	"	Jan.12,1965	4	10	80	78	"	D,S	Dry well 5;sand gravel 26;hardpan stone 2;sand gravel 66; hardpan gravel layers 137;grey brown soft limestone 178. Water at 178.
Con VII	" 40	D.Hallahan	"	Aug. 9,1966	4	8	90	86	"	D,S	Clay gravel 18;hardpan 56;clay gravel stones 132;sand 136; brown soft shale 144;brown soft limestone 191. Water at 191.
Con VIII	" 41	J.Carmichael	"	Aug. 5,1965	4	13	100	59	"	D,S	Topsoil 1;hardpan 35;gravel 44;stony hardpan 67;gravel 82; hardpan 111;brown medium hard rock 127. Water at 127.
Con VIII	" 42	R.Marks	C.Keeso	July 7,1964	4	15	16	14 1/2	"	D	Topsoil 4;sand 20;gravel 60;sandy clay 82;brown shale 100; brown limestone 114. Water from 109 to 114.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. East Wawanosh Twp.-cont. Con IX lot 41	East Wawanosh Twp.Schoolarea	G.L.Davidson	May 2, 1966	5	30	80	56	Fresh	P	Topsoil 1; clay sand 4; clay stones 23; gravel stones boulders 35; stony hardpan 60; shale 65; brown grey medium soft rock 142. Water at 142.
Con XII " 37	M.Shiehl	"	Apr.23,1964	4	10	70	55	"	S	Sandy clay 12; stony gravel 31; hardpan boulders 111; cemented gravel 128; brown hard rock 162; light brown hard rock 174. Water at 174.
Con XIII " 29	A.Purdon	"	Nov. 2, 1965	4	12	30	27	"	D,S	Coarse gravel stones 20; stony hardpan 51; red clay 90; hardpan 99; loose shale 105; white hard limestone 143. Water at 143.
Con XIII " 33	C.Bannister	R.Smith	May 30, 1966	5	10	40	31	"	D,S	Sandy brown clay stones 10; stones 14; gravel 27; stony blue clay 35; stones 41; gravel 49; stony blue clay 62; blue clay 84; gravelly blue clay 126; brown limestone 149. Water at 149.
Con XIII " 42	Ont.Dept. of Highways	G. L.Davidson	Mar.21,1966	7	12	12	8	"	P	Sand 8; stony hard hardpan 10; clay soft sand 24; clay hard pebbles 30; shale soft clay seams 57; brown soft limestone 100. Water from 96 to 100.
Con XIII " 42	H.Congram	"	Oct. 3, 1966	4	10	40	39	"	D,S	Topsoil 2; hardpan 4; sand gravel 32; hardpan 43; shale brown loose rock 64; brown rock 94. Water at 94.
Con XIV " 31	S.Majka	"	Aug.18,1966	4	10	70	68	"	D	Sand 6; sand gravel 9; sand 27; sand gravel 41; hardpan 54; sand gravel stones 66; clay gravel stones 136; brown soft shale 160. Water at 160.
Con XIV " 38	M.Kuepfer	"	July 4, 1966	4	12	20	7	"	D,S	Gravel 18; hardpan 34; gravel 36; hardpan 58; shale 68; brown rock 111. Water at 111.
Con XIV " 41	W.Stapleton	"	Sep.30,1965	4	20	45	29	"	D	Stony topsoil 1; stony hardpan sand gravel 38; sand stones 77; brown loose shale 83; red soft shale 111; soft buff rock 143. Water from 140 to 143.
Con XIV " 42	R.Lloyd	"	June30,1967	6 1/2	30	32	20	"	D	Topsoil 1; sand 9; sand gravel 12; stony hardpan 41; loose brown rock 77; brown hard rock 89; brown soft rock 108. Water from 80 to 108.
Exeter Town	L.Sparks	W.Hopper & Sons	Oct.26,1967	4	9	34	25	Fresh	D	Yellow clay 16; blue clay 32; coarse sand 37; gravel 44. Water at 44.
Goderich Town	J.Remington	G.L.Davidson	Aug.20,1964	5 1/2	30	128	108	Fresh	D	Topsoil 1; brown clay 4; sand gravel 17; blue clay 94; stony hardpan 118; brown soft shale 123; brown soft limestone 187. Water at 187.
	K.Allin	W.Hopper & Sons	Nov. 7, 1966	4	8	117	115	"	D	Gravel 1; dirty gravel 10; yellow clay 15; blue clay 105; hardpan 112; loose rock 115; brown limestone 180. Water from 160 to 180.
Goderich Twp. BC lot 76	R.Hartman	W.Hopper & Sons	Aug. 9, 1967	4	10	56	38	Fresh	D	Yellow clay 16; blue clay 82; hardpan brown rock 145. Water at 145.
Con I " 10	J.Millar	"	Apr. 5, 1965	4	10	40	35	"	D	Yellow clay 26; blue clay 78; hardpan 111; brown limestone 158. Water from 150 to 158.
Con I " 16	D.&M.McArthur	"	Aug. 5, 1964	4	11	48	47	"	D	Top clay 5; clay sand 20; blue clay 89; hardpan 103; brown limestone 137; light limestone 155. Water from 137 to 155.
Con I " 16	H.Andressen	G.L.Davidson	July30,1965	4	10	80	64	"	D	Topsoil 1; brown clay 20; blue clay 78; clay stones 94; soft brown shale 99; grey medium hard rock 112; grey soft rock 124; soft buff rock 142. Water at 124 and 142.

HURON COUNTY - cont. Goderich Twp. -cont.												
Con I	lot 16	B. McClinchey	G.L. Davidson	May 26, 1967	5	12	70	60	Fresh	D	Brown clay 16; blue clay 79; clay stones 99; brown hard rock 127; brown medium hard rock 142. Water at 142.	
Con I	" 18	V. Albertins	Ladco Drlg.	June 1, 1966	4	15	65	52	"	D	Grey clay 75; brown clay rocks 90; brown rock 140. Water at 100 and 135.	
Con I	" 20	F. Oliver	G.L. Davidson	May 26, 1966	4	8	78	74	"	D	Blue clay 87; clay stones sand 97; broken brown hard rock 99; brown hard rock 105; brown soft shale 113; brown medium hard rock 130. Water at 130.	
Con I	" 22	S. Dillon	F.W. Jackson & Son	June 3, 1966	4	13	60	41	"	D	Sand clay 15; blue clay boulders 92; grey limestone 130. Water at 125.	
Con I	" 34	W. Clarke	W. Hopper & Sons	June 26, 1967	4	10	40	36	"	D	Topsoil 1; yellow clay 10; blue clay 87; hardpan 101; loose rock 106; grey limestone 135. Water from 125 to 135.	
Con I	" 38	K. Thompson	F. Jackson & Son	Aug. 12, 1965	4	25	45	24	"	D	Hardpan 12; blue clay boulders 100; limestone 135; buff colour limestone 148. Water at 140.	
Con I	" 38	M. Martin	W. Hopper & Sons	July 18, 1967	4	10	40	29	"	D	Yellow clay 10; blue clay 88; hardpan 105; loose rock 113; grey limestone 145. Water from 132 to 145.	
Con I	" 38	G. Shortreed	"	July 14, 1967	4	10	36	31	"	D	Yellow clay 10; blue clay 85; hardpan 102; loose rock 108; grey limestone 144. Water from 130 to 144.	
Con I	" 40	G. Clark	"	Aug. 29, 1967	4	8	56	34	"	D	Yellow clay 18; blue clay 63; hardpan 106; brown limestone 145. Water at 145.	
Con I	" 79	London & District Baptist Camp	G.L. Davidson	June 17, 1966	4	10	40	36	"	P	Topsoil 1; brown clay 9; blue clay 35; stony clay 111; brown soft shale 118; brown medium hard rock 130; brown soft rock 141. Water from 135 to 141.	
Con II	" 6	G. Salkeld	"	July 10, 1967	4	25	65	57	"	D, S	Topsoil 1; sandy clay 13; blue clay 39; sand 55; sand clay 72; marl 98; hardpan 106; brown medium hard limestone 116. Water at 116.	
Con II	" 7	E. Feagan	"	July 7, 1967	4	20	55	48	"	D	Red clay 12; blue clay 96; brown soft shale 102; brown medium hard limestone 124. Water at 124.	
Con II	" 8	E. Smith	F. Jackson & Son	May 11, 1965	4	15	45	45	"	P	Fill 12; blue clay boulders 109; black specked limestone 116. Water at 110.	
Con II	" 10	C. VanDenhevel	W. Hopper & Sons	Sep. 2, 1965	4	10	53	50	"	D, S	Sandy clay 5; blue clay 80; hardpan 108; loose rock 111; brown limestone 130. Water from 125 to 130.	
Con II	" 11	D. Larder	"	Sep. 8, 1965	4	9	70	65	"	D	Topsoil sand 5; yellow clay 10; blue clay 105; hardpan 118; loose rock 121; brown limestone 155. Water from 150 to 155.	
Con II	" 11	"	"	Oct. 28, 1966	4	9	68	65	"	D	Topsoil 1; sand 5; yellow clay 15; blue clay 105; hardpan 119; loose rock 122; brown limestone 160. Water from 145 to 160.	
Con IV	" 15	T. Orr	Ladco Drlg.	Jan. 22, 1964	4	6	130	129	"	D, S	Gravel sand 14; brown clay 24; grey clay rocks sand layers 162 brown limestone 165. Water at 164.	
Con V	" 22	G. Huck	"	July 31, 1965	4	10	180	175	"	D, S	Brown clay stones 20; grey clay stones 175; light brown limestone 240. Water at 235.	
Con VII	" 16	K. Holmes	"	Jan. 20, 1964	4	6	153	38	"	D, S	Brown clay rocks 30; sand 75; grey clay rocks 188; brown limestone 191. Water at 191.	
Con VII	" 33	J. Boon	G.L. Davidson	June 7, 1967	5	8	200	188	"	D, S	Topsoil 1; red clay 14; blue clay 68; clay sand 94; sand clay stones gravel streaks 153; stony hardpan 194; brown hard limestone 201; light brown medium soft limestone 262. Water from 235 to 262.	
Con VII	" 38	G. Klomps	"	Mar. 13, 1967	5	9	200	170	"	D, S	Topsoil 1; brown clay 13; blue clay 36; gravel sand 44; sand 60; clay stones 77; gravel boulders 81; gravel 101; hardpan clay 174; stony hardpan 208; brown soft limestone 219. Water from 217 to 219.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Goderich Twp. - cont. Con VIII lot 18	H. McCabe	Ladco Drlg.	Apr. 25, 1964	4	8	195	190	Fresh	D, S	Brown clay rocks 30; sand 60; grey clay rocks 200; brown limestone 225. Water from 220 to 225.
Con VIII " 33	J. DeRuyter	G.L. Davidson	Jan. 25, 1967	5	9	220	200	"	D, S	Topsoil 2; red blue clay 40; gravel 42; clay gravel stones 76; clay sand stones 148; stony hardpan 199; grey hard rock 215; brown hard rock 247. Water at 247.
Con VIII " 41	W. Dykstra	"	Apr. 13, 1967	5	20	200	176	"	D, S	Topsoil 1; sand 14; blue clay 26; sand gravel 34; clay 48; marl sand clay 77; clay sand gravel streaks 128; sandy clay 169; clay stones 192; hardpan 207; brown medium hard limestone 222; brown medium soft limestone 225. Water from 222 to 225.
Con VIII " 28	F. DePutter	F. Jackson	Aug. 9, 1965	4	9	210	210	"	D	Clay soil 3; hardpan grit 15; clay grit sand boulders 194; limestone black specks 230. Water at 205.
Con IX " 40	G. Brand	"	Dec. 10, 1965	4	6	244	244	"	D, S	Hardpan 15; blue clay 50; sand grit clay 220; limestone black specks 290.
Con XII " 58	A. Van Dongen	W. Hopper & Sons	Dec. 13, 1965	5	8	197	195	"	D, S	Sand 28; sand clay 96; hardpan 130; brown limestone 255. Water from 195 to 255.
Con XV " 22	T. Pearson	F. Jackson & Sons	Dec. 4, 1964	4	5	225	225	"	D	Topsoil 2; hardpan 15; blue clay grit 100; boulders false rock 115; limestone 180; buff coloured rock 243. Water at 225.
Con XV " 36	W. Chowen	"	Apr. 16, 1966	4	20	70	51	"	D	Sand 48; clay boulders 110; limestone black specks 118. Water at 114.
Con XVI " 25	L. Tyndel	"	July 8, 1966	4	6	215	215	"	D, S	Clay sand 10; clay 30; clay grit 75; clay stones 100; clay false rock 105; grey limestone 160; rock 215; brownish limestone 245. Water at 125 and 240.
Con XVII " 15	C. Ellis	R. Hudson	Sep. 3, 1964	36	1	25	18	"	D	Brown clay 15; sand silt 24; blue clay 35. Water at 18.
Con XVII " 18	W. Gerrits	G.L. Davidson	Nov. 2, 1967	5	9	111	110	"	D, S	Topsoil 2; clay 6; sand gravel 28; clay sand gravel 51; gravel 54; brown hard limestone 128; brown medium hard soft limestone 157. Water at 157.
Con XVII " 22	A. Hummell	F. Jackson & Son	June 16, 1965	4	8	264	264	"	D, S	Clay topsoil 2; hardpan 15; clay grit 100; false rock 124; limestone 184; buff colour rock 294. Water at 290.
Huron Road " 8	C. Wilson	"	Aug. 11, 1966	5	12	75	75	"	D	White sand 15; sand gravel 30; sand 65; clay boulders 95; false limestone 98; boulders grit 115; limestone 123. Water at 119.
Maitland Con " 28	G. Ginn	Ladco Drlg.	Jan. 15, 1964	4	6	150	148	"	D, S	Brown clay 18; grey clay rocks 30; gravel sand 45; grey clay rocks sand layers 160; brown limestone 180. Water from 165 to 175.
Maitland Con " 36	L. Weber	F. Jackson	Feb. 18, 1964	4	6	213	213	"	D	Sandy loam 3; red sand 25; sand clay 100; clay false rock 115; limestone 235. Water at 214.
Maitland Con " 36	E. Potter	G.L. Davidson	May 12, 1967	5	5	220	213	"	D, S	Topsoil 2; sand sandy clay 18; gravel 41; sand clay 73; clay stones 109; brown grey hard limestone 129; grey hard limestone 205; grey brown medium limestone 232. Water from 219 to 232.
Maitland Con " 50	I. Tebbutt	F. Jackson	Oct. 20, 1966	5	12	160	142	"	D	Brown clay sand 15; blue clay grit 100; clay boulders sand 144; limestone 180; rock 245; grey limestone black specks 260. Water at 255.
Maitland Con " 88	A. Uyl	Hadco Well Drlg. & Digging Ltd.	July 15, 1967	30				"	D	Topsoil 1; brown clay 13; blue clay 18; blue sand 21; blue clay 22; brown sand 24; blue clay 26; blue sand 30. Water at 21.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## HURON COUNTY - cont.

Grey Twp.											
Con I	lot 16	M. Bray	G.L. Davidson	June 1, 1965	4	15	35	8	Fresh	D,S	Tough gravel sand silt 58; red soft shale 100; brown red streak soft rock 128. Water at 128.
Con I	" 30	F. Hayden	C. Keeso	June 21, 1967	4	15	17	15	"	D,S	Topsoil 4; blue clay 35; hardpan 80; gravelly hardpan 110; brown shale 118; brown limestone 148. Water from 145 to 148.
Con III	" 5	K. Bray	G.L. Davidson	Aug. 3, 1966	4	20	42	12	"	S	Topsoil 2; clay stones 8; brown loose shale 40; brown medium hard rock 97. Water at 97.
Con IV	" 2	J. Armstrong	"	Aug. 3, 1966	4	15	17	23	"	D,S	Topsoil 2; clay 11; sand gravel hardpan 36; brown shale 45; brown soft rock 94. Water at 94.
Con IV	" 5	G. Turnbull	C. Keeso	July 27, 1964	4	20	23	23	"	D,S	Topsoil 4; hardpan boulders 26; clay 50; sandy clay 63; sandy shale 96; sand 118. Water from 112 to 118.
Con V	" 14	J. Fraser	"	Oct. 14, 1965	4	12	22	20	"	D,S	Dug well 26; clay gravel 63; brown shale 97; brown limestone 147. Water at 147.
Con VI	lot 31	J. Conley	G.L. Davidson	Jan. 4, 1964	4	12	20	17	Fresh	D,S	Topsoil 1; gravel 25; stones boulders gravel 31; stony hardpan 149; gravel sand 160; hardpan 229; brown soft shale 234; brown soft rock 261. Water at 261.
Con VI	" 35	N. Hanna	C. Keeso	Sep. 15, 1965	4	Flows		6	"	D,S	Topsoil 3; sandy clay 92; brown shale 128; brown limestone 189. Water at 189.
Con VII	" 22	S. Alexander	"	Sep. 15, 1964	4	14	27	24	"	D	Topsoil 5; hardpan 35; clay 60; sandy clay 78; shale 90; brown limestone 128. Water from 115 to 128.
Con VII	" 33	C. Kerr	G.L. Davidson	Jan. 13, 1967	4			Flows	"	S	Sand gravel 22; hardpan 92; brown clay stones 168; clay gravel 194; brown limestone soft 225. Water at 225.
Con VIII	" 6	E. Bishop	C. Keeso	June 8, 1964	4	16	26	24	"	D,S	Dug well 30; clay 52; hardpan 70; sandy shale 84; dark brown limestone 178; white limestone 190. Water from 178 to 190.
Con VIII	" 12	J. Bishop	G.L. Davidson	Dec. 13, 1966	4	6	35	22	"	D,S	Topsoil 2; sand 6; sandy clay 28; hardpan 31; soft brown shale 36; brown medium hard limestone 49; blue brown medium soft limestone 172. Water from 150 to 172.
Con VIII	" 19	G. Pearson	C. Keeso	Sep. 28, 1964	4	15	29	27	"	D,S	Topsoil 3; clay 28; hardpan 60; sandy clay 87; shale 102; brown limestone 144. Water from 138 to 144.
Con VIII	" 24	M. Carnachn	"	June 8, 1967	4	12	17	14	"	D	Topsoil 4; gravelly clay 26; blue clay 50; sandy hardpan 60; sand 85; shale 90; brown limestone 121. Water from 116 to 121.
Con IX	" 22	Grey Twp School Area	"	Oct. 17, 1964	5	35	24	23	"	P	Topsoil 4; clay 60; sandy clay 80; shale 104; brown limestone 162. Water from 148 to 162.
Con IX	" 2	St. James Ltd.	"	May 22, 1964	4	15	34	32	"	D,S	Topsoil 2; blue clay 30; sandy clay gravel 86; brown shale 128; brown limestone 192. Water at 192.
Con X	" 26	N. Terpstra	"	Nov. 17, 1964	4	15	32	32	"	D,S	Clay 68; brown shale 128; brown limestone red shale 162; brown limestone 192. Water at 192.
Con XIII	" 32	H. Krieger	"	May 23, 1967	4	18	14	12	"	D,S	Topsoil 4; blue clay 32; gravelly hardpan 60; brown shale 73; brown limestone 130; white limestone 140. Water from 130 to 140.
Con XVII	" 2	R. Bennett	G.L. Davidson	July 23, 1964	4	10	65	46	"	D,S	Brown clay stones 23; hardpan 27; clay brown blue 62; stony hardpan 65; brown soft shale 78; grey hard rock 107; hard buff rock 127. Water at 107 and 127.
Con XVII	" 2	R. Smalldon	"	May 18, 1967	4	5	75	60	"	D	Topsoil 2; sand gravel 4; clay 52; sand 58; clay stones 73; hardpan stones 101; grey hard rock 142; brown medium hard rock 172. Water at 142 and from 170 to 172.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
EURON COUNTY - cont.										
Hay Twp. - cont.										
Con I lot 15	W.Bowcliffe	R.Hudson	Nov.23,1966	36	1½	40	20	Fresh	D,S	Brown clay 17;gravel 18;blue clay sand streaks 46. Water at 20.
Con I " 16	K.Pollock	"	Nov. 5,1964	36	3	20	30	"	D	Brown clay 20;sandy clay 45. Water at 45.
Con I " 16	C.Payne	"	July23,1965	36	40	24	18	"	D	Brown clay stone 10;blue clay 20;gravel 26. Water at 20.
Con I " 17	H.Hyde	"	Sep. 7,1964	36	1	40	34	"	D	Brown clay 8;gravel 10;blue clay 34;sand 36;blue clay 41. Water at 8 and 34.
Con I " 19	H.Elliott	"	Nov. 5,1964	30	10		22	"	D	Brown clay 8;blue clay 20;gravel 24. Water at 22.
Con I " 23	M.Verlinde	Hopper Well Drlg.	June23,1967	5	10	255	250	"	D,S	Fill top clay 8;blue clay 29;clay stones 120;hardpan 216; brown limestone 260;light brown limestone 300. Water from 260 to 300.
Con I " 30	W.Dickert	R.Hudson	Sep. 7,1967	36	½	25	22	"	D	Brown clay 15;blue clay 30;quicksand 38. Water at 32.
Con I " 30	T.Beid	"	Sep. 7,1967	36	75	12	9	"	D,S	Brown clay 8;sandy clay 12;blue clay 17. Water at 17.
Con VI " 25	J.Love	"	Aug. 1,1964	36	1	40	36	"	D,S	Brown clay 15;blue clay 36;fine sand 50. Water at 36.
Con IX " 14	J.Battler	W.Hopper & Son	July22,1964	4	10	264	262	"	D,S	Clay 47;sand 94;clay sand 160;hardpan limestone 175;brown limestone 240;grey limestone 302. Water from 262 to 302.
Con X " 3	E.Back	G.L.Davidson	Mar.15,1966	4	12	14	8	"	D	Till 35;hardpan 46;brown shale 52;soft brown rock 80. Water at 80.
Con X " 15	W.Brown	F.Jackson	Nov.23,1965	5	8	253	253	"	D	Hardpan 15;blue clay 100;clay sand 175;clay boulders rock 212;limestone 283;buff coloured limestone 307. Water at 295.
Con XI " 11	L.Gingerich	W.Hopper	Oct.12,1964	4	8	260	256	"	D	Clay 20;clay stones 47;hardpan 80;sand 94;hardpan 142;brown limestone 255;light brown limestone 289. Water from 256 to 289.
Con XI " 15	W.Corriveau	"	Feb.28,1964	4	6	271	269	"	D,S	Top clay 7;blue clay stones 97;sand 131;sandy clay 200;hardpan 208;brown limestone 270;white limestone 309. Water from 270 to 309.
Con XII " 21	Blue Water Rest Home	"	May 18,1965	8	60	242	240	"	F	Yellow clay 15;blue clay stones 90;sand 115;blue clay 175; hardpan stones 211;ceving rock 219;grey limestone 245;brown limestone 308. Water from 204 to 308.
Con XIV " 21	T.Bedard	A.Heal	Mar.14,1964	5	7	130	122	"	D	Topsoil yellow clay 20;blue clay 30;sand clay 45;blue clay 60;boulders 75;blue clay 113;loose limestone clay streaks 154;loose limestone 157. Water at 157.
Con V " 20	D.Ducharme	W.Hopper & Sons	Jan.23,1964	4	9	98	97	"	D,S	Old cistern 6;top clay 20;blue clay 90;hardpan 107;shale 133; shale grey limestone 187. Water from 168 to 187.
Con XVI " 6	T.Coeck	"	July19,1967	4	10	84	80	"	D	Top clay 7;clay stones 35;blue clay 90;hardpan 123;brown limestone 142;light brown limestone 157. Water from 142 to 157.
LR " 6	B.Denomme	"	Sep. 4,1967	4	10	70	65	"	D,S	Yellow clay 16;blue clay stones 68;hardpan 133;grey rock 177. Water at 177.
LR " 9	Driftwood Club	"	Oct.31,1964	5½	15	42	41	"	D	Blue clay 44;stones 47;blue clay 78;stones hardpan 101; light brown limestone 145;light brown shale 164. Water from 145 to 164.
LR " 10	P.Cantin	"	Jan.18,1966	5	10	59	55	"	D	Topsoil 1;yellow clay 10;blue clay 72;hardpan 103;loose rock 107;brown limestone 145. Water from 130 to 145.
LR " 10	A.Bourque	"	June22,1967	4	10	57	55	"	D	Yellow clay 7;blue clay 25;clay stones 32;blue clay 82;hardpan 108;grey limestone 147;brown limestone 162. Water from 147 to 162.

\* See end of Appendix C for the meanings of abbreviations and symbols.

HURON COUNTY - cont. Hay Twp. - cont.											
LR	lot 15	L. Forsythe	F.Jackson	Feb.11,1964	4	12	60	56	Fresh	D	Clay loam topsoil 2;hardpan grit 15;blue clay 70;clay boulder false rock 113;limestone black speck 128. Water at 120.
LR	" 15	H.Pesff	W.Hopper & Sons	June 2,1965	4	10	60	54	"	D	Yellow clay 16;blue clay 68;blue clay boulders 95;hardpan 110;limestone 130. Water from 120 to 130.
LR	" 16	H.Vanderbergt	F.Jackson	July 2,1965	4	9	75	70	"	D	Sand topsoil 5;hardpan 15;blue clay 80;clay grit false rock 145;buff colour rock 151. Water at 146.
LR	" 16	L.Cobleigh	R.Hudson	June 4,1966	36	1	25	6	"	D	Sand 6;blue clay 24;sand 25;blue clay 30. Water at 24.
LR	" 17	W.Murray	F.Jackson	Mar.12,1964	4	12	70	60	"	D	Clay topsoil 3;hardpan 15;blue clay 75;boulders clay 123;soft formation 141. Water at 136.
LR	" 17	J.Sokolowski	"	June25,1965	4	12	70	53	"	D	Clay topsoil 3;hardpan 15;blue clay 70;stones boulders grit 115;clay grit 121;limestone 145. Water at 140.
LR	" 18	E.Evans	W.Hopper	Sep.10,1964	4	8	58	55	"	D	Topsoil fill 1;yellow clay 10;blue clay 86;hardpan stones 120;bedrock 124;brown limestone 148. Water from 144 to 148.
LR	" 18	C.Masse	"	Sep.15,1964	4	10	55	50	"	D	Yellow clay 10;blue clay 80;hardpan 122;loose rock 126;brown limestone 148. Water from 140 to 148.
LR	" 22	I Snider	"	Sep.15,1967	4	10	55	45	"	D,S	Yellow clay 16;blue clay 79;hardpan 136;brown soft limestone 198. Water from 180 to 198.
LR	" 24	E.Hendrick	A.Heal	June26,1964	5	6	78	46	"	D	Topsoil yellow clay 15;blue clay 63;gravel 68;blue clay 107;hardpan 111;limestone 114;gritty clay 124;loose limestone 124;limestone 127. Water at 124.
LR	" 24	"	W.Hopper	Oct. 6,1967	4	10	75	60	"	D,S	Sand 4;yellow clay 16;blue clay 85;hardpan 135;brown rock 158. Water from 150 to 158.
LR	" 25	A.Hillary	"	Oct.14,1967	4	10	58	45	"	D	Blue clay 68;blue clay stones 105;hardpan 132;limestone 145. Water from 140 to 145.
LR	" 26	H.Barry	"	Sep.29,1966	4	8	50	50	"	D	Yellow clay 10;blue clay 90;hardpan 124;brown limestone 135. Water from 130 to 135.
NB	" 11	K.Love	R.Hudson	Aug. 4,1964	36	10	30	25	"	D,S	Brown clay 15;blue clay 25;fine sand 41. Water at 25.
NB	" 20	M.Gingerich	W.Hopper & Sons	Feb.14,1964	4	7	288	285	"	D,S	Top clay 7;blue clay 89;sand 120;blue clay 178;sand 197;hardpan 227;brown limestone 285;white limestone 324. Water from 285 to 324.
SB	" 23	E.Radar	Hadco Well Digging Ltd.	July 9,1964	30	2	27	18	"	D	Topsoil 6;brown clay 11;blue clay 24;sand 30. Water at 24.
Hensall Village											
		Hensall PUC	International	Aug.17,1966	2			17		T	Topsoil 1;clay gravel 25;sand gravel 38;clay gravel 42.
		Hensall PUC	Water Supply Co	Aug.18,1966	2			17		1-66 T 2-66	Topsoil 1;clay gravel 26;sand gravel 34;clay gravel 45.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont.											
Howick Twp.											
Con A	lot 25	W.Harrison	G.L.Davidson	Sep.17,1964	4	5	30	18	Fresh	D	Topsoil 1;clay 4;gravel stones 10;reddish brown shale 112. Water at 112.
Con A	" 25	W.Gallagher	C.Keeso	Oct.26,1965	4	10	22	20	"	D	Previously dug well 16;sandy clay gravel 86;brown shale 114; brown limestone 164. Water from 157 to 164.
Con A	" 26	R.Montgomery	"	Dec.23,1965	4	15	12	10	"	C	Dug well 21;clay 86;brown shale 98;brown limestone 155. Water at 155.
Con A	" 27	T.Leek	"	Apr.19,1966	4	18	9	8	"	D	Dug well 16;gravel 30;blue clay 70;sandy shale 82;brown limestone 110. Water from 105 to 110.
Con A	" 27	L.Geiger	E.Keeso	Nov. 4,1966	4	13	19	14	"	D	Gravel stones 21;hardpan 87;gravel sand 94;brown shale 106; brown limestone 114. Water from 112 to 114.
Con A	" 28	W.Coulter	C.Keeso	Sep.27,1965	4	15	11	9	"	D	Topsoil fill 3;clay gravel 50;brown shale 64;brown limestone 146. Water at 146.
Con A	" 31	R.Hayden	G.L.Davidson	Apr. 4,1966	4	12	50	40	"	D,S	Sand gravel 7;hardpan stones 38;clay gravel streaks 58;hardpan stones 94;dark brown soft limestone 129. Water at 129.
Con B	" 25	A.Harrison	E.Keeso	Mar.10,1966	4	10½	17	14	"	S	Gravel stones 23;gravel hardpan 46;gravel 49;brown shale 51; brown limestone 121. Water from 115 to 121.
Con C	" 11	D.Reaman	G.L.Davidson	Oct.20,1965	4	10	50	44	"	S	Clay 11;rough gravel 40;hardpan stones 75;gravel stones 96; sand gravel boulders 168;red clay 200;green shale 214;brown rock 242. Water at 242.
Con II	" 18	W.Bilton	"	Dec. 4,1967	4	5	45	8	"	D,S	Topsoil 1;sand 8;sand gravel clay 13;gravel 17;stony hardpan 33;brown hard limestone 54;brown very hard limestone 92;grey very hard limestone 112. Water at 112.
Con III	" 20	H.Rybicki	D.Keeso	May 20,1964	4	14	18	12	"	D,S	Topsoil 4;clay 36;hardpan 59;sandy clay 78;shale 84;brown limestone 118. Water from 10 to 118.
Con IV	" 19	C.Martin	G.L.Davidson	Apr.19,1966	4	6	20	16	"	D,S	Topsoil 1;sandy clay 23;clay gravel stones 42;clay hardpan stones 56;grey very hard limestone 150;brown medium hard limestone 172. Water at 172.
Con V	" 28	B.Brears	C.Keeso	July16,1965	4	14	55	52	"	D,S	Topsoil 3;white clay 88;brown shale 128;brown limestone 169; white limestone 193. Water from 180 to 193.
Con VI	" 20	Shaefer & Cooper	Water Well Drlg.	July16,1964	4	15	10	flows	"	D	Topsoil 2;sand gravel 10;hardpan 38;brown limestone 95;grey limestone 112. Water at 108.
Con VI	" 22	C.Jacobson	E.Keeso	Oct.28,1965	4	18	40	22	"	D,S	Dug well 32;hard brown shale 59;hard brown limestone 130; yellow limestone 141. Water from 138 to 141.
Con VII	" 15	L.Siefert	C.Keeso	Dec. 6,1967	4	15	25	24	"	D,S	Topsoil 5;hardpan 36;sandy clay 75;brown shale 83;brown hard rock 188;white limestone 195. Water from 110 to 195.
Con VII	" 20	W.Marrimer	E.Keeso	July16,1964	4	15	12	11	"	C	Brown clay boulders 42;grey shale 66;hard grey limestone 121. Water from 110 to 121.
Con VII	" 20	J.Wagler	C.Keeso	June17,1966	4	15	23	21	"	D	Dug well 19;clay 30;hardpan 60;sandy clay 75;whitish shale 89;blue limestone 121. Water from 114 to 121.
Con VII	" 21	K. Stewart	G.L.Davidson	Aug.11,1967	4	10	35	15	"	D	Clay sand 11;sand gravel 13;stony hardpan 22;sand gravel 28; hardpan 39;loose grey rock 46;grey medium hard limestone 84. Water at 84.
Con VIII	" 5	W.Brown	E.Keeso	Nov. 8,1965	4	14½	8	7	"	D	Hardpan stones 21;brown shale 43;brown hard limestone 71; softer brown white limestone 112. Water from 102 to 112.
Con VIII	" 5	C.Edgar	G.L.Davidson	Oct.12,1966	5	20	20	16	"	D	Dug well 7;gravel 13;loose rock 30;brown rock 80;white rock 113. Water at 113.
Con VIII	" 6	M.Edgar	E.Keeso	Dec.11,1965	4	15	17	15	"	D	Coarse gravel 14;fine sandy gravel 21;brown shale 36;hard brown limestone 89. Water from 84 to 89.

\* See end of Appendix C for the meanings of abbreviations and symbols.



CONTRACT No.	Lot	Name	Owner	Date	No.	Area	Depth	Remarks
Con VIII	6	Twp Howick	E.Keeso	July 19, 1965	4	15	14	Fresh P Soft sandy clay 3; hardpan 21; hrd brown shale 32; hard brown limestone 117. Water from 112 to 117.
Con VIII	6	M.Mitchell	G.L.Davidson	Aug. 17, 1965	4	12	20	D Dug well 12; brown soft shale 47; brown medium hard rock 109. Water at 109.
Con VIII	6	C.Coulter	E.Keeso	July 14, 1967	4	10	11	" D Gravel clay 21; gravel sand 28; brown shale 34; brown limestone 49. Water at 49.
Con VIII	6	J.Bennett	C.Keeso	Aug. 11, 1967	4	15	13	" D Topsoil 4; gravelly clay 30; sandy hardpan 42; shale 50; white limestone 103. Water from 40 to 103.
Con VIII	10	E.Strong	"	Nov. 16, 1967	4	12	24	" D,S Topsoil 4; hardpan 32; gravel clay 48; brown shale 57; dark brown rock 117. Water from 100 to 117.
Con IX	3	J.Thornton	"	June 28, 1966	4	15	21	" D Topsoil 5; clay 45; sandy hardpan 80; brown shale 90; brown limestone 121. Water from 110 to 121.
Con X	22	J.Greer	"	Nov. 26, 1965	4	18	36	" D,S Hardpan boulder 22; sandy clay gravel 96; brown shale 96; hard brown limestone 195. Water at 195.
Con XIII	4	A.Steuernol	G.L.Davidson	July 28, 1966	4	8	50	" S Clay stones 9; hardpan 32; stony hardpan 59; red clay 70; hardpan 100; brown hard limestone 105; red brown soft shale 127. Water at 127.
Con XIV	14	J.Miller	E.Keeso	Nov. 24, 1967	4	14	30	" D,S Clay stones 12; gravel clay 38; hardpan boulders 106; brown shale 113; brown grey limestone. Water from 152 to 156.
Con XV	10	D.Coher	Water Well Drlg.	June 9, 1967	4	22	22	" D,S Clay 15; hardpan boulders 104; sandstone 106. Water at 105.
Con XV	13	R.Byler	E.Keeso	Dec. 30, 1965	4	12	37	" D,S Soft clay few pebbles 34; hardpan stones 70; hard brown shale 118; brown limestone 151. Water from 148 to 151.
Con XV	16	G.Hubbard	Water Well Drlg.	Aug. 20, 1965	4	10	20	" D,S Dug well 20; sand gravel 49; hardpan 67; gravel clay 103; gravel 119; crumbling rock 120. Water at 120.
Con XVI	24	G.McDonald	E.Keeso	May 15, 1967	4	14	24	" D,S Gravel clay 14; sandy gravel 29; clay 74; gravel 79; brown shale 87; brown limestone 100. Water from 97 to 100.
Con XVI	30	W.Murray	"	Nov. 30, 1966	4	12	74	" D,S Hardpan 159; boulders stones brown shale 171; brown limestone 189. Water from 187 to 189.
Con XVII	12	A.Litt	"	May 31, 1965	4	15	28	" C Clay stones 31; gravel clay 67; yellow shale 81; brown shale 83; brown grey limestone 107. water at 107.
Con XVII	33	Gospel of Calvary Church	"	June 24, 1965	4	20	25	" D Dug well 12; gravel clay 31; gravel sand 57; yellow shale 73; brown limestone 97. Water from 94 to 97.
Con XVIII	20	White Oaks Area, Girl Guides Can.	"	May 7, 1964	7	30	52	" P Gravel 58; sand 167; hard grey brown limestone 213. Water from 190 to 213.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Hullett Twp.										
Con I lot 10	A.Vandendool	F.Jackson	July 28, 1964	4	6	283	283	Fresh	D	Clay fill 2; hardpan 15; blue clay grit stones 82; limestone 145 limestone buff coloured 304. Water at 35, 102 and 290.
Con II " 26	A.Nogolo	"	May 14, 1965	4	6	98	27	"	D	Sub soil 2; hardpan stones 30; clay grit 84; false rock 88; limestone 118. Water at 95.
Con V " 27	D.Farguhar	G.L.Davidson	Dec. 8, 1964	4	5		225	"	D,S	Previously drilled well 235; soft brown rock 250. Water at 250.
Con VI " 28	M.Salverda	F.Jackson	Sep. 16, 1965	4	2	135	77	"	D	Clay topsoil 2; hardpan grit stones 12; clay gravel boulders 87; limestone 148. Water at 140.
Con VII " 5	H.Armstrong	W.Hopper & Sons	Nov. 17, 1966	4	10	39	35	"	D,S	Yellow clay 10; blue clay 45; hardpan 88; loose rock 91; brown limestone 150. Water from 125 to 150.
Con VII " 28	R.Gibbings	G.L.Davidson	Apr. 4, 1966	4	5	90	77	"	D,S	Topsoil 1; sandy loam clay 25; gravel 43; gravel hardpan 60; gravel 78; hardpan clay stones 107; brown medium hard rock 123; brown medium soft rock 157. Water at 142 and 157.
Con VIII " 11	W.Hoggart	W.Hopper & Sons	Mar. 2, 1965	4	20	16	14	"	D,S	Brown clay 22; hardpan 46; gravel 49; brown limestone 130. Water at 115 and 130.
Con VIII " 22	N.Cartright	"	Nov. 1, 1966	5	13	80	78 1/2	"	D,S	Top clay 5; sand 45; clay stones 72; cemented gravel 82; light brown limestone 123. Water from 110 to 123.
Con IX " 22	J.A.Shepherd	G.L.Davidson	Aug. 18, 1965	4	10	73	63	"	S	Topsoil 2; gravel sand boulders 12; clay sand stones 37; gravel sand 41; stony hardpan 52; grey hard rock 65; brown medium rock 80; soft brown rock 108; hard brown rock 112. Water at 112.
Con X " 24	L.Reid	"	June 27, 1966	4	12	46	43	"	D	Clay 11; hardpan 16; gravel 26; hardpan 47; loose rock 54; grey rock 96. Water at 96.
Con X " 25	Hullett Twp. School area Board	"	Dec. 7, 1965	6	40	70	45	"	P	Red clay gravel 15; stony hardpan 20; sand 30; broken rock sand 59; brown hard rock 118; brown soft rock 120; brown medium rock 146. Water at 146.
Con X " 26	J.B.Taylor	"	May 17, 1966	4	10	65	58	"	D	Topsoil 2; clay 7; sand clay 17; stones loose gravel 28; hardpan 43; very hard brown limestone 78; brown red shale soft limestone 110. Water at 110.
Con X " 28	C.Vincent	"	Nov. 1, 1967	4	6	99	98	"	D	Topsoil 2; brown clay 24; gravel 56; gravel hardpan 69; stony hardpan 84; brown medium hard limestone 130; brown medium soft limestone 158. Water at 158.
Con XI " 7	W.Trewin	W.Hopper & Sons	July 27, 1967	5	10	45	35	"	D,S	Yellow clay stones 30; blue clay stones 48; gravel 52; hardpan 54; brown rock 120. Water at 120.
Con XI " 21	D.McNall	"	Aug. 3, 1964	4	10	64	58	"	S	Yellow clay 35; blue clay 60; hardpan 108; grey rock 160. Water at 160.
Con XIII " 30	G.Howatt	G.L.Davidson	Dec. 18, 1967	5	10	76	76	"	D,S	Clay sand 30; sand gravel 38; hardpan 48; gravel sand stones 74; brown soft shale 84; brown hard rock 102; brown medium hard rock 148. Water at 148.
Con XIII " 31	J.Verburg	F.Jackson	Oct. 1, 1964	4	5	67	42	"	D	Gravel topsoil 15; blue clay 40; blue clay grit 54; limestone rock black speck 67. Water at 58.
Con XIII " 35	H.Hunking	G.L.Davidson	Jan. 6, 1965	4	6 1/2	100	70	"	D,S	Blue clay 37; sand 50; hardpan 70; sand 90; hardpan stones 147; brown medium hard rock 175. Water at 175.
Con XIV " 20	J.Shepherd	"	Aug. 5, 1966	4	10	72	72	"	S	Sandy clay stones 18; sand gravel 21; hardpan 34; stony hardpan gravel 89; stony hardpan boulders 140; brown medium hard limestone 154; brown soft limestone 160. Water at 160.
Con XIV " 23	P.Elliott	"	Aug. 7, 1964	4	7	105	85	"	D	Sand 18; sandy clay stones 31; sand gravel 63; stony hardpan 96; gravelly hardpan 129; stony hardpan 179; brown limestone 214; light brown soft limestone 232. Water at 214 and 232.

\* See end of Appendix C for the meanings of abbreviations and symbols

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. McKillop Twp. - cont. Con VIII lot 20	R.Regele	W.Hopper & Sons	July 12, 1965	4	70	12	8	Fresh	D,S	Topsoil 1; yellow clay 10; blue clay 20; stony hardpan 70; gravel 75; hardpan 101; hard grey limestone 150. Water from 140 to 150.
Con VIII " 26	McKillop Twp. Hall	C.Keeso	June 25, 1965	4	Flows		Flows	Sulphur	P	Sand gravel 107; brown shale 117; hard brown limestone 152. Water at 152.
Con XIII " 23	J.Bosman	W.Hopper & Sons	Mar. 15, 1964	4	12	28	22	Fresh	D,S	Top clay 4; clay stones 36; blue clay 70; hardpan stones 92; brown limestone 137; white limestone 138. Water from 137 to 158.
Con XIV " 11	G.Corlett	G.L.Davidson	July 27, 1964	4	10	25	22	"	D,S	Topsoil 1; brown clay 34; gravel 41; stony hardpan 68; gravel 70; grey soft shale 76; brown hard rock 81; grey soft rock 85. Water at 85.
Con XIV " 17	G.Williamson	C.Keeso	July 17, 1964	4	14	25	22	"	D,S	Dug well 18; blue clay 48; sandy clay 70; shale 82; white limestone 140. Water from 130 to 140.
Con XIV " 18	G.Williamson	"	June 28, 1964	4	16	25	22	"	D,S	Dug well 20; clay 41; sandy clay 50; shale 64; hard brown rock 130; rock. Water from 120 to 130.
Morris Twp. Con I lot 1	C.Wood	G.L.Davidson	June 9, 1967	4	12	15	7	Fresh	D	Topsoil 1; sand 16; gravel 19; hardpan gravel 37; loose shale 49; light brown soft rock 78; brown hard rock 96. Water at 96.
Con I " 48	J.Shaw	"	Dec. 13, 1966	4	16	10	Flows	"	D,S	Clay gravel stones 12; hardpan stones 28; brown soft shale 48; brown soft rock 67. Water at 67.
Con I " 49	N.Moffatt	"	Dec. 15, 1966	4	12	10	3	"	D,S	Clay gravel stones 8; hardpan 32; clay sand 52; brown soft shale 73; brown soft limestone 107. Water at 107.
Con II " 8	W.Elston	"	July 25, 1966	4	8	40	16	"	D,S	Gravel 20; hardpan 55; gravel sand 70; hardpan stones 141; brown rock 194. Water from 170 to 194.
Con II " 60	W.King Sr.	"	Aug. 11, 1965	4	12	22	18	"	D,S	Topsoil 1; clay gravel 12; quicksand 15; sand coarse gravel 29; brown shale 42; layers dark light brown rock 67. Water at 67.
Con II " 3	W.A.Coultes	"	Sep. 8, 1965	4	12	55	48	"	D,S	Topsoil 1; brown clay 7; stony hardpan 29; brown soft shale 40; medium brown soft rock 73; medium soft blue rock 80; brown soft rock 127. Water at 127.
Con III " 16	P.Dorsch	C.Keeso	Aug. 16, 1964	4	14	23	22	"	D,S	Dug well 8; hardpan 58; sandy clay 60; clay 95; shale 110; white limestone 145. Water from 136 to 145.
Con IV " 1	L.Vannan	G.L.Davidson	Mar. 10, 1964	4	12	22	8	"	D	Fill 2; clay 4; sand gravel stones 28; stony hardpan 37; sandy gravel 43; brown shale 58; brown rock 93. Water at 93.
Con IV " 10	S.Proctor	"	July 17, 1967	4	9	58	38	"	D,S	Topsoil 1; sandy clay stones 17; hardpan stones 44; sand gravel streaks stones 62; stony hardpan 79; shale stones 85; brown medium hard limestone 122. Water at 122.
Con VII " 9	T.&B. Kelly	"	June 12, 1964	4	11	18	16	"	D,S	Sandy clay 14; clay stones 27; hardpan 43; shale 70; brown hard rock 124. Water at 124.
Con VII " 9	J.Spivey	"	Sep. 11, 1967	4	10	45	42	"	D,S	Hardpan 16; quicksand 34; sand gravel 46; hardpan stones 82; brown shale 86; dark brown rock 141. Water at 141.
Con VIII " 3	H.Thelan	"	Sep. 20, 1966	5	15	67	65	"	D,S	Clay stones 26; gravel sand 31; stony hardpan 101; brown hard rock 135; brown medium hard rock 157. Water at 157.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Stanley Twp.-cont. Con II lot 15	D.Rathwell	F.Jackson	Feb.21,1964	4	12	86	86	Fresh	D	Clay fill topsoil 2;hardpan 15;clay sand 65;clay grit 100; sandstone 106. Water at 100.
Con II " 32	R.Cantelon	Hopper Well Drlg.	Dec.29,1967	4	7 1/2	216	214	"	D,S	Top clay 6;clay stones 22;gravel 55;hardpan 60;white limestone 209;light brown limestone 243. Water from 214 to 243.
Con III " 5	A.McBeath	F.Jackson	Apr.18,1964	4	7	202	202	"	D	Loam fill 5;clay stones 55;clay grit false rock 91;rock 200; limestone rock black specks 217. Water at 200.
Con III " 24	L.Veane	Hadco Well Bidding Ltd.	July30,1964	30	2	29	10	"	S	Topsoil 1;brown clay stones 9;brown coarse sand 25;blue clay 28;brown hardpan sand 29. Water at 10.
Con IV " 5	J.Imanse	R.Hudson	Dec. 3,1965	36	4	30	23	"	D,S	Topsoil 2;fine sand 20;blue clay sand streaks 35;blue clay. Water at 30.
Con V " 24	A.Rowntree	"	May 16,1966	36	2	18	10	"	D	Brown clay 10;gravel 12;hard blue clay big stones 20; Water at 10.
Con VI " 6	A.Pepper	"	May12, 1965	36	10	20	16	"	D,S	Brown clay 15;sand 32. Water at 15.
LRE " 20	N. Overholt	W.Hopper & Sons	June29,1967	4	10	55	53	"	D,S	Top clay 7;blue clay 90;hardpan 120;clay stones 168;gravel 194;shale 206;brown limestone 216. Water from 206 to 216.
LRE " 22	A. Bau	"	Jan.27,1966	4	10	52	50	"	D,S	Yellow clay 12;blue clay 108;hardpan 134;loose rock 138; brown limestone 175. Water from 160 to 175.
LRE " 22	R. Snider	F. Jackson	June 1,1964	4	12	50	41	"	D	Clay fill 2;hardpan 15;blue clay 110;clay grit false rock 130;limestone 142. Water at 135.
LRE " 23	A. Sumeraki	W.Hopper & Sons	Aug.30,1965	4	8	60	55	"	D	Fill 2;yellow clay 14;blue clay 100;hardpan 125;loose limestone 132;brown limestone 170. Water from 160 to 170.
LRW " 24	H. Schneeman	F. Jackson	June 5,1964	4	12	70	40	"	D	Clay topsoil 2;hardpan 15;blue clay 80;clay boulders false rock 141;limestone 149. Water at 146.
LRW " 14	R.Grainger	F.Jackson	June12,1964	5	27	25	2	"	D	Clay topsoil 2;hardpan 15;blue clay grit 95;false rock 100; limestone 160. Water at 106, 140 and 158.
LRW " 15	Snowden Acres Ltd.	Hopper Well Drlg.	July31,1967	5	50	9	Flows	"	C	Big clay stones 27;blue clay 65;hardpan 80;blue clay 109; clay stones 115;dark brown limestone 130;light brown limestone 145;dark brown limestone 165. Water from 145 to 165.
LRW " 16	C.Bau	"	Jan.31,1967	4	6	90	36	"	D,S	Yellow clay 16;blue clay stones 80;hardpan 126;brown rock 175. Water from 150 to 175.
LRW " 18	J.Fitzsimons	"	June 7,1965	4	10	38	30	"	D	Yellow clay 14;blue clay 68;hardpan 108;rock 148. Water from 135 to 148.
LRW " 18	B.McDougall	W.Hopper & Sons	July12,1965	4	10	32	37	"	D	Yellow clay 16;blue clay stones 85;hardpan 113;brown rock 148. Water at 145.
LRW " 18	A.Zawacki	"	May 20,1967	4	10	32	30	"	D	Yellow clay 10;blue clay 85;hardpan 106;loose rock 112;brown limestone 150. Water from 135 to 150.
LRW " 18	Dr.R.Blakeny	"	Aug.20,1966	4	10	28	15	"	D	Yellow clay 14;blue clay 86;hardpan 110;brown rock 160. Water from 145 to 160.
LRW " 18	E.Ringer	"	June19,1967	4	14	52	48	"	D	Top clay 5;blue clay 80;blue clay stone 106;light brown limestone 150. Water from 130 to 145.
LRW " 19	S.Kaminski	"	July14,1967	4	15	22	17	"	D	Yellow clay 8;blue clay 68;hardpan 107;grey limestone 160. Water at 160.
LRW " 23	L.Cook	F.Jackson	May 6, 1965	4	7	60	44	"	D	Hardpan 12;blue clay boulders 131;hard limestone 160. Water at 150 and 160.
LRW " 23	J.Sobieski	W.Hopper & Sons	Aug. 4,1965	4	9	50	45	"	D	Topsoil 1;yellow clay 10;blue clay 98; hardpan 124;brown limestone 160. Water from 150 to 160.

EURON COUNTY - cont.											
Stanley Twp. - cont.											
LRW	lot 24	T.Scafe	F.Jackson	Aug. 8, 1964	4	12	81	45	Fresh	D	Clay loam 2;blue clay 75;boulders clay 135;limestone 151. Water at 145.
LRW	" 24	D.Shirecliffe	"	June 11, 1965	4	13	55	45	"	D	Clay topsoil 2;hardpan 15;blue clay 40;clay boulders stone 138;false rock 165. Water at 138 and 162.
LRW	" 24	Buckley & Baker	W.Hopper & Sons	Mar. 18, 1966	4	10	64	60	"	D	Topsoil yellow clay 10;blue clay 105;hardpan 134;loose rock 139;brown limestone 170. Water from 160 to 170.
SB	" 30	R.Vodden	"	May 21, 1965	4	10	74	67	"	C	Yellow clay stones 16;blue clay 78;hardpan 124;brown rock 165. Water from 150 to 165.
SB	" 36	D.Woodburn	R.Hudson	Aug. 29, 1966	36						Brown clay 19;blue clay 30. Dry hole.
Stephen Twp.											
Con A	lot 1	E.DesJardine	A.A. Beal	June 18, 1964	4	1	84	37	Sulphur	D	Yellow topsoil 15;blue clay 111;boulders 112;loose limestone medium streaks 114;limestone 123. Water at 123.
Con I	" 2	Dashwood Planning Mill	Hadco Well Digging Ltd.	Sep. 3, 1964	30	7	50	30	Fresh	In	Topsoil 1;sandy brown clay 13;blue clay 35;sand 41;blue clay 43;gravel 46;blue clay 51;gravel rocks 52. Water at 35, 43 and 51.
Con I	" 2	"	"	Aug. 31, 1964	5 1/2	2	60	50	"	N	Clay rock 37;sand 40;clay rock 55;bedrock 140;soft rock 150. Water from 40 to 55.
Con I	" 3	G.Olah	Banes Drlg. Co.	Sep. 10, 1964	36	10	39	34	"	D	Brown clay 10;grey clay 25;sandy grey clay stones 35;fine brown sand 39. Water at 35.
Con I	" 5	Centralia Faith Tabernacle	R.Hudson	Nov. 27, 1964	36	3	26	25	"	P	Brown clay 25;gravel 28;blue clay big stones 31. Water at 35.
Con I	" 5	E.Dixon	"	Sep. 8, 1965	36	8	40	34	"	D	Brown clay 15;blue clay big stones 41;sand 42. Water at 41.
Con I	" 5	K.Greb	"	Dec. 14, 1967	36	3	35	28	"	D	Brown clay 15;blue clay 36;sand 37. Water at 36.
Con V	" 18	E.Brand	E.Hussey	Aug. 17, 1964	4	3 1/2	72	62	"	D, S	Bored well 13;sandy clay 20;clay 28;dirty gravel sand boulders 65;hardpan streaks limestone 72;hard brown limestone 72; hard brown limestone 83;grey limestone 88. Water from 83 to 87.
Con VI	" 11	E.Martin	W.Hopper & Sons	Dec. 10, 1965	4	7	112	108	"	D	Topsoil 1;yellow clay 10;blue clay 95;hardpan 120;loose rock 122;brown limestone 135. Water from 130 to 135.
Con VI	" 1	scoter	"	Sep. 15, 1964	4	10	87	86	"	D	Top clay sand 14;blue clay 68;hardpan 89;hardpan stones 108; hard brown limestone 129. Water from 115 to 128.
Con VI	" 11	C.Radford	"	Sep. 17, 1965	4	8	85	70	"	D	Yellow clay 10;blue clay 75;hardpan 100;brown limestone 127. Water from 120 to 127.
Con VI	" 11	Twp of Stephen	"	Sep. 25, 1967	4	8	110	100	Sulphur	P	Blue clay 67;stones clay 96;hardpan 113;grey rock 135. Water at 125 and 135.
Con VI	" 14	E.Praff	"	Dec. 18, 1965	4	8	102	100	Fresh	D, S	Topsoil 2;yellow clay 12;blue clay 95;stony hardpan 120;loose rock 122;brown limestone 135. Water from 125 to 135.
Con VI	" 16	S.Schenk	"	Oct. 2, 1967	4	4	130	95	"	D, S	Yellow clay 16;blue clay 86;hardpan 113;grey rock 147. Water from 135 to 147.
Con VII	" 4	N.Lamport	"	Jan. 6, 1965	4	8	265	263	"	D	Clay 20;blue clay 89;sand 108;hardpan 146;stones 150;brown limestone 264;white limestone 300. Water at 156 and from 263 to 300.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Stephen Twp. - cont. Con VII lot 9	P. Schenk	Hopper Well Drlg.	July 8, 1967	4	12	97	95	Fresh	D,S	Top clay 9; blue clay 67; clay stones 120; gravel 127; light brown limestone 138. Water from 127 to 138.
Con VII " 11	J. Averill	E.B. Hussey	May 1, 1964	4	8	120	118	"	C	Yellow clay 60; silty clay 80; mild hardpan 98; sand fine gravel 102; hardpan limestone streaks boulders 127; brown limestone 136. Water at 132.
Con VII " 23	C. Brock	W.D. Hopper & Sons	Dec. 4, 1964	4	8	242	240	"	D	Clay stones 29; clay 55; sand 96; hardpan 107; grey limestone 124; yellow brown limestone 240; light brown limestone 268. Water from 240 to 268.
Con VIII " 24	Martene Constr	Hadco Well Digging Ltd.	June 3, 1966	30	5	60	28	"	D	Brown clay 2; blue clay 51; brown sand 53; blue clay 55; brown sand 60. Water at 58.
Con IX " 8	W. Gaiser	W. Dale Well Drlg.	Feb. 4, 1964	5	12	95 1/2	88	"	D,S	Brown clay 114; shattered limestone 116; brown limestone 130. Water from 125 to 130.
Con X " 11	Stephen Twp. Central Public School	A. Heal	Apr. 13, 1965	6 1/2	20	226	226	Sulphur	P	Topsoil yellow clay 15; blue clay 96; boulders 98; clay 108; boulders 110; clay 115; hard limestone 183; soft grey limestone 244. Water from 240 to 243.
Con XI " 11	J. Leye	W. Hopper & Sons	Oct. 21, 1966	4	5	225	225	"	D	Topsoil 1; yellow clay 12; blue clay 115; hardpan 122; rock 125; hard brown limestone 165; soft brown limestone 240. Water from 225 to 240.
Con XI " 11	J. Leye	R. Hudson	Aug. 10, 1966	36						Blue clay 20. Dry hole.
Con XII " 15	Exeter Produce & Supply Ltd.	Hadco Well Digging Ltd.	Aug. 30, 1965	30	2		24	Fresh	D,S	Brown clay 12; grey clay 24; brown sand 28; grey clay 48. Water at 24.
Con XII " 15	"	"	Aug. 27, 1965							Brown clay 10; grey brown clay 60. Dry hole.
Con XVI " 11	Imperial Oil	C.A.H. Kerr	May 20, 1964	5 1/2	12	100	80	"	C	Fill 6; blue clay 94; blue limestone 106. Water at 104.
Con A " 7	Fergus Turnbull & Sons Ltd.	Hopper Well Drlg.	July 24, 1967	5	13	54	52	Sulphur	D,S	Blue clay 50; hardpan 55; blue clay 90; grey limestone 130; brown limestone 155; light grey limestone 180. Water from 165 to 180.
NB " 23	S. Holubowicz	Hadco Waterwell Drlg. Co. Ltd.	Mar. 9, 1965	5 1/2	6	180	175	Sulphur	P	Sand clay 10; sand 14; clay 112; bedrock 185; soft rock 188; broken rock 198. Water from 185 to 198.
NB " 29	O. Miller	W.D. Hopper & Sons	Sep. 5, 1964	5	10	106	105	Fresh	D,S	Top clay sand 6; blue clay 87; hardpan 99; grey limestone 148; brown limestone 168. Water from 155 to 168.
SB " 37	W. Bullock	A. Heal	Dec. 24, 1966	4	2		64	Sulphur	D,S	Yellow topsoil 15; blue clay 126; grey limestone 134. Water at 129.
Tuckersmith Twp. Huron Road Survey										
Con I lot 13	V. Graham	W. Hopper & Sons	May 20, 1967	4	10	19	17	Fresh	D	Top clay 7; clay stones 40; grey limestone 87; light brown limestone 106. Water from 87 to 106.
Con I " 30	J. Boyce	"	Jan. 21, 1964	4	8	70	62	"	D	Yellow clay stones 26; blue clay stones 38; hardpan 54; gravel 58; grey rock 135. Water at 135.
Con I " 31	Harriston Fertilizer	"	June 5, 1964	4	10	93	88	"	C	Yellow clay 12; sandy clay 44; stones clay 86; gravel 93; grey limestone 123. Water at 123.
Con II " 34	H. Ball	Hadco Well Digging Ltd.	May 20, 1964	27 1/2	1/2		12	"	D	Topsoil 1; brown clay 9; brown sand 11; blue clay stones 19; blue sand stones 24. Water at 19.
Con II " 20	J. McIntosh	Hopper Well Drilling	Aug. 3, 1967	5	10	43	38	"	D,S	Yellow clay stones 28; hardpan 58; brown rock 115. Water from 100 to 115.

HURON COUNTY - cont.											
Tuckersmith Twp. - cont.											
Huron Road Survey - cont.											
Con II	lot 22	T.R.Coleman	F.Jackson	Aug.24,1965	5	2	55	28	Fresh	D	Sandy topsoil 10;clay 15;clay sand gravel 60;galse rock gravel 70. Water at 62.
Con II	" 36	E. O'Brien	"	Sep.12,1964	4	7	104	62	"	D	Clay loam 2;clay sand 65;clay grit 108;limestone 122. Water at 115.
Con III	" 9	H. Chesney	W.Hopper & Sons	Sep. 5,1964	4	4	99	98	"	D	Clay stones 37;brown limestone 97;light brown limestone 137. Water from 97 to 137.
Con III	" 14	C. Stever	"	Sep.20,1967	4	8	43	33	"	D	Fill 1;yellow clay 10;blue clay 30;hardpan 54;loose rock 58; grey limestone 102. Water from 98 to 102.
Con III	" 28	S. Johns	G.Davidson	June15,1966	5	12	77	71	"	D,S	Topsoil 2;brown clay 14;blue clay 36;sand 41;hardpan stones 86;grey brown medium hard limestone 112. Water at 112.
Con XII	" 3	A. Visscher	W.Hopper & Sons	Aug.16,1966	5	7	318	314	"	D,S	Yellow clay 12;blue clay stones 62;hardpan 89;brown limestone 312;grey rock 370. Water from 314 to 370.
Con XII	" 6	E. Whitehouse	R.Hudson	Aug. 6,1964	36			29	"	D,S	Brown clay 15;big stones blue clay 20;blue clay 36;sand 37; blue clay 39. Water at 36.
London Road Survey											
Con I	lot 2	A. VanEsbroeck	W.Hopper & Sons	Dec.14,1967	5	10	305	298	"	D,S	Yellow clay 38;blue clay stones 110;hardpan 232;caving rock 270;grey rock 328. Water from 298 to 328.
Con I	" 16	Kippen United Church	F.Jackson	Aug.22,1964	4	5	60	39	"	D	Clay loam 2;blue clay grit 40;clay stones false rock 50; limestone 67. Water at 55.
Con I	" 16	J. Powell	W.Hopper & Sons	July 29,1965	4	7	75	55	"	D	Fill 2;yellow clay 12;blue clay 45;hardpan 67;loose rock 70; hard grey limestone 115. Water at 112.
Con I	" 18	R. Faber	R.Hudson	May 27,1967	36	3	25	18	"	D,S	Hard brown clay 18;gravel 19;blue clay 29. Water at 18.
Con I	" 21	T.Workman	F.Jackson	Apr. 4,1964	4	6	232	232	"	D	Clay topsoil 3;blue clay 30;clay sand 61;limestone 130;rock buff colour 215;limestone black specks 262. Water at 65 and 230.
Con II	" 12	J. Bell	Hopper Well Drilling	Jan. 7,1967	5	12	249	248	"	D,S	Top clay 6;blue clay 28;clay stones 50;white limestone 248; brown limestone 373. Water from 248 to 373.
Con II	" 27	B. Dallas	F.Jackson	Oct.10,1964	4	4½	105	25	"	D	Hardpan stones 10;blue clay grit 50;hard blue clay gravel 71; hard rock black speck 115. Water at 98.
Con II	" 37	J. Beane Jr.	Hadco Well Digging Ltd.	Aug.11,1964	30	½	48	33	"	S	Topsoil 1;brown clay 15;sandy blue clay 33;gravel sand 35; blue clay stones 48. Water at 33.
Con II	" 38	G.Cantelon	W.Hopper & Sons	Feb.28,1966	4	7	100	90	"	D,S	Topsoil 1;yellow clay 10;blue clay 20;hardpan 30;gravel 45; hardpan 69;rock 71;brown limestone 105. Water from 100 to 105.
Con II	"	er	F. Jackson	Mar.25,1964	4	12	60	65	"	D	Clay topsoil 3;hardpan 12;blue clay grit 60;clay grit boulders 72;limestone 92. Water at 77.
Con III	" 23	J. McNaughton	"	Nov.14,1964	4	10	70	20	"	D	Topsoil hardpan 15;blue clay stones 66;false rock 88;limestone rock black specks. Water at 75.
Con III	" 35	T. Pothering-ham	"	Mar. 5,1964	4	6	252	252	"	D	Clay topsoil 2;hardpan 20;sand 50;clay boulders 70;limestone light dark rock 292. Water at 75 and 270.
Con III	" 38	E. Sillery	W.Hopper & Sons	Dec.16,1966	4	2	80	55	"	D,S	Topsoil 1;yellow clay 12;blue clay 45; gravel 55;hardpan 74; loose rock 76;brown limestone 115. Water from 110 to 115.
Con III	" 40	A. Townsend	F. Jackson	Mar.24,1964	4	1½	150	120	"	D	Open well 35;sand clay grit 91;buff colour limestone 157. Water at 110.
Con IV	" 21	G. Varley	"	Dec. 3,1964	4	12	78	68	"	D	Loam hardpan 5;hardpan 20;blue clay grit 73;hard blue clay grit 79;hard limestone 93. Water at 89.
Con IV	" 32	C. Richardson	W.Hopper & Sons	Sep. 2,1964	4	10	245	237	"	D,S	Old well 37;clay sand 64;clay stones 88;grey rock 287. Water at 287.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Turnberry Twp.										
Con A lot 9	G.Adams	G.Keeso	Dec. 7, 1964	4	10	34	32	Fresh	D,S	Hardpan boulders 75;hardpan 128;sand 186;brown limestone 240. Water from 230 to 240.
Con B " 9	W.Clark	G.L.Davidson	May 15, 1966	4	15	17	13	"	S	Topsoil 1;hardpan gravel sand stones 65;brown rock 127. Water at 125.
Con B " 28	I.Terry	"	Oct.25, 1967	4	15	39	31	"	D	Topsoil 1;clay stones 8;gravel sand boulders 22;hardpan stone 47;gravel hardpan 76;brown hard limestone 89;shale brown soft limestone 126;brown medium hard limestone 140. Water from 136 to 140.
Con C " 1	J.Parrel	E.Keeso	Feb. 7, 1967	4	12	25	24	"	D	Gravel stones 19;hardpan 41;brown shale 52;brown limestone 128. Water at 90 and from 125 to 128.
Con C " 4	W.Mulvey	"	Apr.11, 1966	4	13	14	12	"	D	Clay gravel 14;gravel stones 37;hardpan 41;shale 49;brown limestone 73. Water at 73.
" 1	T.Saint	G.L.Davidson	Apr.25, 1967	6			Flows	"	D	Dug well 9;sand gravel 14;sand 19;gravel sand 25;marl 41; gravel 49;red shale 62. Water at 62.
Con I " 17	J.Cooper	P.Jackson	Dec. 1, 1965	5	8	237	237	"	D	Clay topsoil 3;hardpan stones 15;blue clay boulders 48; white limestone 125;rock 237;black specks limestone 262. Water at 237.
Con I " 23	W.Hilbert	G.L.Davidson	July13, 1966	4	12	41	35	"	D,S	Gravel 10;hardpan 68;sand gravel 86;brown rock 141. Water at 141.
Con I " 30	Q.Goldthorpe	"	May 24, 1967	4	10	40	29	"	D,S	Topsoil 1;sandy clay stones 8;gravel sand stones 25;hardpan stones 53;brown shale 58;brown soft hard layers rock 127. Water at 112 and 127.
Con I " 41	J.McNaughton	"	Nov.10, 1965	4	22	135	39	"	S	Topsoil 1;sand clay stones 16;clay stones 30;sand gravel 33; hardpan sand stone 82;brown shale 97;brown rock 149. Water at 149.
Con III " 11	M.YanLoon	W.Hopper & Sons	May 23, 1966	4	5	265	260	"	D,S	Topsoil 1;sandy clay 12;blue clay 50;hardpan 63;loose rock 64; grey limestone 105;hard brown limestone 125;light brown limestone 200;grey limestone 255;brown limestone 300. Water from 260 to 300.
Con IV " 1	D.DeBoer	E.Keeso	May 9, 1966	4	15	38	36	"	D,S	Clay gravel 14;gravel 29;sand 64;yellow clay 87;yellow shale 107;yellow limestone 144. Water from 141 to 144.
Con VII " 12	J.Miltenburg	G.L.Davidson	Dec. 1, 1965	4	5	300	278	"	D,S	Topsoil 1;red clay 9;clay sand 20;gravel 25;sand gravel 30; hardpan clay 52;grey hard limestone 84;brown medium hard brown limestone 322. Water at 322.
Con VIII " 23	Imperial Oil Co.	"	Nov.22, 1967	6	230	Flows	Flows	"	C	Gravel fill 3;blue clay 10;sand gravel 20;hardpan clay stones 100;sand gravel 103;hardpan 105;gravel 106. Water at 106.
Con IX " 23	J.McKinnon	"	July26, 1965	4	15	14	1	"	D,S	Sand gravel 25;gravel hardpan 62;stony hardpan 78;gravelly hardpan stones 116;sand 132;brown clay 136;gravel 140;soft brown shale 153;brown soft rock 176. Water at 176.
Con X " 16	R.Baird	"	Aug.23, 1965	4	12	50	35	"	S	Topsoil 1;hardpan 14;gravel 55;hardpan 75;gravel 90;brown soft rock 122. Water at 122.
Con XI " 12	R. Appleby	"	Dec.10, 1964	4	5	65	35	"	D	Sand gravel stones 23;stony hardpan sand gravel 77;brown hard shale 80;brown medium hard limestone 142. Water from 127 to 142.
Con XI " 29	A.Sproal	"	Nov.20, 1966	4	12	50	20	"	D,S	Clay sand 18;quicksand 24;sand 72;sand gravel 112;brown soft shale 134;brown soft rock 174. Water at 174.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MURON COUNTY -cont.		Usborne Twp.																	
TRS	lot 10	J. Miller	E. Hussey	June 6, 1964														Fresh	Bored well 46; fine sand stones 54; gravelly hardpan limestone streaks 95; brown limestone 133; caving limestone 134. Water at 85.
TRS	" 19	W. Bibby	"	Nov. 27, 1964	4	2	34	30	"	D, S	Clay 33; hardpan streaks sand 46; medium fine gravel 47. Water from 46 to 47.								
TRS	" 23	E. Berendson	W. Hopper & Sons	May 13, 1966	4	7	187	180	"	D, S	Topsoil 1; yellow clay 12; hardpan 58; loose rock 60; hard brown limestone 115; light brown limestone 180; brown limestone 225. Water from 200 to 225.								
TRN	" 3	M. Kints	R. Hudson	Nov. 21, 1967	36	20	18	15	"	D, S	Brown clay 15; coarse gravel 21. Water at 21.								
TRN	" 16	R. Mayer	"	June 10, 1964					"	D, S	Brown clay 18; fine sand 22; blue clay 28; gravel 30; blue clay 48. Dry hole.								
TRN	" 16	"	E. Hussey	June 24, 1964	4	5	48	43	"	D, S	Bored well 48; clay gravel 77; medium fine gravel 78. Water from 77 to 78.								
TRN	" 19	B. Miller	"	Dec. 3, 1964	4	4	31	31	"	D	Clay 38; putty sand 40; fine grey sand 46; medium gravel 47. Water from 46 to 47.								
TRN	" 21	J. Gardiner	Banes Drlg. Co.	Sep. 12, 1964	36	10	14	5	"	D	Sandy loam 4; coarse gravel 10; grey clay stones 14. Water from 5 to 14.								
SEB	" 1	W. Selves	W. Hopper & Sons	Oct. 1, 1966	5	10	230	220	Sulphur	D, S	Yellow clay 12; blue clay 62; hardpan 96; brown rock 268. Water from 220 to 268.								
SWB	" 14	W. Morley	"	June 30, 1966	5	10	195	190	Fresh	D, S	Yellow clay 16; grey blue clay 68; gravel 71; hardpan 103; brown limestone 225. Water from 220 to 225.								
Con I	" 9	J. Brout	R. Hudson	Sep. 3, 1965	36	2	30	20	"	D	Blue clay 35; quicksand 36. Water at 35.								
Con I	" 9	"	"	Sep. 3, 1965	36	20	30	27	"	D, S	Brown clay 15; blue clay 33; gravel 35. Water at 33.								
Con I	" 12	L. Jones & Son	"	Aug. 7, 1964	36	1	16	10	"	D	Blue clay 10; sand 11. Water at 10.								
Con I	" 13	L. McKnight	"	Feb. 28, 1964	36	2	18	8	"	D	Hard brown clay 8; sand 18; blue clay 21. Water at 8.								
Con I	" 13	L. Marks	"	June 2, 1965	36	1	30	22	"	D	Brown clay 10; blue clay 22; sandy clay 28; blue clay 34. Water at 26.								
Con I	" 26	H. Strang	Hadco Well Digging Ltd.	Oct. 27, 1965	30	1/2		31	"	D	Blue clay 26; brown sand 28; blue clay 35; boulders clay 42; boulders 45; rock. Water from 42 to 45.								
Con I	" 33	W. Boa	Hopper Well Drlg.	Aug. 8, 1967	4	1 1/2	20	19	"	D	Top clay 5; clay stones 19; gravel 22; hardpan 33. Water from 19 to 22.								
Con IV	" 5	W. Ellerington	R. Hudson	June 9, 1964	36	10	28	15	"	D, S	Brown clay 20; blue clay 28; gravel 33. Water at 28.								
Con IV	" 10	B. Pincombe	"	Nov. 25, 1966	36	20	60	54	"	D, S	Brown clay 15; blue clay 65. Water at 65.								
Con IV	" 10	W. Pincombe	"	Sep. 16, 1964	36	4	20	16	"	D, S	Gravel 16; sand 25. Water at 16.								
Con VI	" 11	E. Johns	E. Hussey	May 28, 1964	4	8 1/2	52	28	"	D, S	Yellow clay 7; clay stones 35; hardpan 45; gravelly clay 55; dirty gravel sand 69; hardpan boulders 88; fine sand 95; hardpan 102; brown limestone 107. Water from 55 to 69 and from 105 to 107.								
Con VIII	" 3	T. Hern	R. Hudson	Nov. 19, 1966	36	40	30	20	"	D, S	Brown clay 15; blue clay 35; sand 36; blue clay 38. Water at 35.								
Con VIII	" 5	F. Horne	"	Dec. 13, 1967	36	4	32	10	"	S	Brown clay 10; blue clay 34; sand. Water at 34.								
Con VIII	" 11	G. France	"	Nov. 28, 1964	36	2	35	16	"	D, S	Blue clay 40; gravel sand 42. Water at 40.								
Con X	" 4	A. Berry	W. Hopper & Sons	Feb. 3, 1965	4	7	90	35	"	D, S	Fill 3; yellow clay 10; blue clay 45; hardpan 95; loose rock 97; brown limestone 135. Water from 120 to 125 and at 133 sulphur.								
Con XI	" 1	W. Dickey	R. Hudson	Aug. 12, 1966	36	3	30	15	"	D, S	Brown clay 15; blue clay 25; gravel 27; blue clay 32. Water at 25.								
Con XI	" 7	Rev. G. Adams	E. Hussey	June 22, 1964	4	5	180	171	"	D, S	Dug well 31; gravelly clay sandy streaks 61; hardpan boulders 78; fine sand hardpan 83; brown limestone 148; blue limestone 152; brown limestone 172; caving limestone 184; brown grey limestone 206. Water from 202 to 206.								

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Usborne Twp. - cont. Con XIII lot 9 Con XIII " 14	R.Marshall R.Francis	R.Hudson "	Aug.15,1966 Aug.15,1966	36 36	20 40	10 20	5 15	Fresh "	D,S D,S	Brown clay 9;fine gravel 12 $\frac{1}{2}$ ;clay. Water at 6. Brown clay 15;blue clay big stone 20;gravel 25. Water at 15.
West Wawanosh Twp. Con I lot 14	B.Wiggins	Ladco Drlg & Exploration	Nov.17,1964	4	8	80	75	Fresh	D,S	Grey clay rocks 120;light brown limestone 175. Water at 170.
Con II " 24	M. Young	"	Apr.21,1964	4	10	105	95	"	D,S	Clay rocks 105;brown limestone 177. Water from 170 to 175.
Con III " 16	T.Young	G.Davidson	July 6,1965	5	10	140	115	"	D,S	Topsoil $\frac{1}{2}$ ;clay stones 8;blue clay stones 33;sand 36;stony hardpan 74;hardpan 102;white brown shale 110;brown medium hard rock 140;light brown medium rock 202. Water at 202.
Con III " 25	J.Delberque	F.Jackson	June 9,1965	4	10	105	47	"	D	Black loam 2;hardpan stone 15;sand gravel 75;blue clay boulders grit 129;grey limestone 161. Water at 150.
Con IV " 19	A.Sherwood	G.Davidson	Oct.28,1966	4	10	160	143	"	S	Fill clay stones 5;clay stones 24;quicksand 31;sand clay stones 50;sand soft clay 110;bridging clay 123;hardpan 188;brown hard rock 240;brown medium hard rock 262. Water at 262.
Con VI " 13	D.Kerr	Ladco Drlg & Exploration Co.	July 3,1964	4	6	115	110	"	D,S	Clay rocks 128;brown limestone 155. Water from 148 to 155.
Con VII " 21	R.McAllister	G.L.Davidson	July 5,1967	5	70	165	109	"	D,S	Brown sandy clay 4;gravel 42;clay 93;sand gravel 96;clay stones stony hardpan 173;medium hard limestone shale streaks 185;soft limestone shale streaks 224;brown medium soft limestone 232. Water from 229 to 232.
Con VIII " 16	R.Durnin	"	Sep. 5,1964	4	9	70	40	"	D,S	Brown clay 23;sand 27;stony hardpan 38;clay marl 90;stony hardpan 122;gravelly hardpan 131;brown white hard limestone 156; brown medium hard limestone 202. Water at 202.
Con VIII " 19	D.Murray	"	Sep.10,1964	4	20	100	80	"	D,S	Sandy clay 11;sandy hardpan gravel 38;quicksand 70;stony hardpan 158;brown shale 161;brown grey hard limestone 226;brown hard limestone 230. Water at 230.
Con VIII " 25	T. Armstrong	"	Sep.15,1964	4	20	80	64	"	D,S	Topsoil 1;clay 32;gravel sand hardpan stones 115;stony hardpan 176;brown hard shale 184;grey brown hard limestone 232. Water from 222 to 232.
Con XI " 26	N.Rintoul	"	July27,1967	4	5	75	40	"	D,S	Dug well 7;brown clay 24;marl sand 36;yellow sand 42;quicksand 68;sand gravel 93;shale 124;brown soft limestone 170. Water at 170.
Con XIII " 21	W.Forester	"	Aug.16,1965	4	10	60	48	"	D,S	Topsoil 1 ;brown clay 5;sandy clay gravel streaks 23;sand gravel 29;clay sand 42;hardpan 60;sand stones 71;stony hardpan 115;white brown shale 125;brown soft rock 172. Water at 172.
Wingham,Town of	F. Riley	G.L.Davidson	Sep.15,1964	4	12	40	32	Fresh	D	Sand gravel 16;clay 42;hardpan stones 110;brown soft shale 126; brown soft rock 145. Water at 145.
	E.Walker	"	Nov.18,1964	4	10	50	45	"	D	Topsoil $\frac{1}{2}$ ;hardpan stones boulders 16;sand gravel 22;hardpan stones 85;brown hard shale 92;brown medium hard limestone 125; brown soft limestone 139;buff medium hard limestone 142. Water from 138 to 142.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY Blenheim, Town of	Public Utilities Comm.	International Water Supply Ltd.	Feb. 15, 1967	2			128	Fresh	T 4-67	Clay 4; fine gravel sand 8; clay gravel 63; cemented clay gravel 65; clay gravel 181; broken shale 184; hard shale 201; softer shale 220. Water at 184, 201 and 220.
	"	"	June 7, 1967	12	80	204	140	Gas	N	Sandy clay 14; grey clay 105; brown clay 139; brown clay fine gravel 174; brown clay 187; shale gravel 189; shale 194; brown shale slate 209; brown shale 216; soapstone. Water at 194, 209 and 216.
Bothwell, Town of	R. Beatty	W. Marsh	Feb. 6, 1965	5	4½	100	21	Fresh	D	Red sand 3; grey sand 31; grey clay stones 81; gravel sand 94; black shale 115. Water from 81 to 94.
	O. Doman	"	Apr. 29, 1965	5	7	30	21	"	D	Sand 30; clay stones 82; gravel sand 107; shale 112. Water from 82 to 107.
	"	"	Apr. 29, 1965	5	7	30	21	"	C	Sand 30; grey clay stones 82; gravel sand 107; black shale 112. Water from 82 to 107.
	I. Perritt O.W.R.C.	S. Earl Faulkner Well Drig. Co. Ltd.	Nov. 1, 1965	4	4	48	20	"	N	Sand 29; clay 80; black shale 98. Water at 85.
			Mar. 3, 1966	6			2	"	T B2-66	Topsoil brown fine sand 5; light brown fine sand 14; grey brown fine sand 24; grey coarse sand seam grey fine sand 28; grey coarse fine sand 29; grey coarse sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 4, 1966	6	15	13	3	"	T B3-66	Brown fine sand 14; grey fine sand 30; grey coarse fine sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 8, 1966	6			2½	"	T B8-66	Brown fine sand 14; grey fine sand 30; grey coarse fine sand fine medium gravel 32; grey silty clay till 33. Water at 14.
	"	"	Mar. 9, 1966	6			3	"	T B9-66	Brown fine sand 13; grey fine sand 29; grey coarse fine sand fine medium gravel 31; grey silty clay till 32. Water at 13.
	"	"	Mar. 10, 1966	6			3	"	T B6-66	Brown fine sand 13; grey fine sand 30; grey coarse fine sand fine medium gravel 32; grey silty clay till 33. Water at 13.
	"	"	Mar. 11, 1966	6			2	"	T B7-66	Brown fine sand 13; grey fine sand 29; grey coarse fine sand fine medium gravel 30; grey silty clay till 32. Water at 13.
	"	"	Mar. 14, 1966	6			3	"	T B5-66	Brown fine sand 14; grey fine sand 31; grey coarse fine sand fine medium gravel 33; grey silty clay till 34. Water at 14.
	"	"	Mar. 15, 1966	6			2	"	T B4-66	Brown fine sand 14; grey fine sand 29; grey coarse sand fine medium gravel 33; grey silty clay till 34.
	"	"	Mar. 18, 1966	10	30	18	4	"	T B1-66	Brown fine sand 10; brown silty fine sand 15; brown grey fine sand fine gravel coarse sand seams 20; grey silty fine sand 28; coarse sand fine gravel 29; grey coarse sand fine medium gravel 33; grey silty clay till 34. Water at 15.
		G. Chambers	W. Marsh	July 15, 1967	5	10	40	20	"	C
Garden Twp. Con A	lot 10	G. Biskey	D. Simpson	June 24, 1966	4					Topsoil 1; clay 44; hardpan 52; gravel 53; shale hardpan 63; black shale 70. Dry hole.
	"	"	"	July 22, 1966						Topsoil 1; red sand 6; clay 42; hardpan 56; shaly hardpan 62; black shale 76; grey limestone 78. Dry hole.
	"	"	D. Lecuyer	Sep. 9, 1966	4	60	45	24	Fresh	D

KENT COUNTY - cont.									
Camden Twp. - cont.									
Con A	lot 14	D. McDonald	K. Jubenville	Feb. 1, 1964	30	50	11	7	Fresh
Con A	" 14	R. White	R. Pinsonneault	Aug. 16, 1964	4	2	18	10	In
Con A	" 15	Simpson Mfg. Ltd.	"	Aug. 12, 1964	4	10	37	10	In
Con A	" 15	R. White	D. Simpson	Sep. 23, 1965	4	3	19	11	D
Con I	" 6	S. Morton	D. Lecuyer	Jan. 26, 1967	4	60	25	17	D
Con I	" 6	J. Pavlinak	"	Feb. 17, 1967	4	60	60	26	D
Con I	" 8	G. Myers	R. Pinsonneault	May 12, 1966	4	3	20	11	D
Con I	" 9	C. Johnston	"	Oct. 20, 1967	4	1	66	16	N
Con I	" 9	"	"	Nov. 4, 1967	4	4	25	15	D, S
Con I	" 13	A. Goris	"	Sep. 6, 1965	4		10		N
Con I	" 13	"	"	Sep. 30, 1965	4		56	10	N
Con I	" 13	"	"	Nov. 5, 1965	4				N
Con I	" 13	"	"	Oct. 9, 1965	4				N
Con II	" 2	E. Edwards	"	Nov. 19, 1965	4	3	20	8	Fresh
Con II	" 3	J. Hobbs	Hadco Well Drlg. & digging Ltd.	Nov. 14, 1967	30	3	24	16	D
Con II	" 5	W. Stacey	R. Pinsonneault	July 3, 1967	4	1 1/2	22	12	D
Con II	" 6	R. Plaquet	D. Lecuyer	Feb. 10, 1967	4	100	25	18	D
Con II	" 7	V. Pinsonneault	D. Simpson	Apr. 1, 1964	4	3	22	10	D
Con II	" 8	G. Sheman	R. Pinsonneault	Aug. 31, 1965	4	5	40	8	D, S
Con II	" 8	R. Doom	D. Lecuyer	June 1, 1967	4	60	50	10	D
Con II	" 9	" Peck	D. Wade	Nov. 22, 1965	4				
Con II	" 9	"	"	Nov. 25, 1965	4	1		21	Fresh
Con II	" 10	Maple Leaf Mills Ltd.	Hadco Well Digging	June 2, 1966	30	4	52	9	C
Con II	" 28	D. Hunt	Mandley Drlg. Cont. Ltd.	Sep. 7, 1965	7	5	20	12	D
Con III	" 2	M. Harris	D. Lecuyer	Feb. 20, 1967	4	450	30	22	D
Con III	" 2	E. Lett	"	May 12, 1967	4	2 1/2	47	21	D
Con III	" 2	B. Hawkins	"	June 12, 1967	4				D
Con III	" 2	"	"	June 20, 1967	4	125	50	13	D



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Camden Twp. - cont.										
Con III lot 2	G.Gall	D.Simpson	Feb.10,1967	4	3	118	110	Fresh	D	Topsoil 1;sand 5;clay 40;hardpan 85;gravel 87;hardpan streaks gravel 140;gravel 144. Water at 140.
Con IV " 1	C.Jackson	R.Simpson	July 29, 1964	4	5	25	11	"	D,S	Topsoil 5;blue clay 45;loose shale 46. Water at 45.
Con IV " 5	L.Pray	D.Simpson	Sep. 7, 1967	4	1 1/2	30	15	"	D	Topsoil 1;yellow clay 5;blue clay 33;hardpan 39;shaly hardpan 41;loose shale 42;black shale 49. Water from 41 to 42.
Con IV " 5	"	"	Sep.11,1967	4						Topsoil 1;yellow clay 7;blue clay 41;hardpan 47;black shale. Dry hole.
Con IV " 5	"	"	Sep.12,1967	4						Topsoil 1;yellow clay 4;blue clay 34;hardpan 42;black shale. Dry hole.
Con IV " 5	"	"	Sep.13,1967	4						Topsoil 1;yellow clay 6;blue clay 40;hardpan 46;black shale. Dry hole.
Con IV " 5	"	"	Sep.14,1967	4						Topsoil 1;yellow clay 6;blue clay 33;hardpan 40;shaly hardpan 42;black shale 51. Dry hole.
Con IV " 6	N.Weaver	"	Mar. 9, 1964	4	5	34	17	Fresh	D,S	Topsoil 1;red sand 4;clay 39;hardpan 40;gravel 44;hardpan 50; loose shale gravel 52;blue black shale 54. Water at 40 and 52.
Con V " 1	B.Chandler	"	July 4, 1966	4	4	20	12	"	D,S	Topsoil 1;clay 39;gravel 42;black shale 42 1/2. Water at 39.
Con V " 1	L.McFadden	"	Feb.17,1967	4	4	37	17	"	D	Topsoil 1;red sand 5;quicksand 6;clay 40;shaly hardpan 42; loose shale gravel 43;black shale 45. Water from 43 to 45.
Con V " 4	C.Liberty	R.Simpson	May 5, 1967	4	4	20	10	"	D,S	Topsoil 4;yellow clay 39;loose stone gravel 40. Water at 39.
Con V " 8	D.McCaughrin	"	May 10, 1967	4						Topsoil 3;yellow clay 7;blue clay 40;hardpan 42. Dry hole.
Con V " 8	"	"	May 14, 1967	4	1 1/2	40	16	"	N	Topsoil 3;yellow clay 8;blue clay 41;hardpan 52;black shale. Water at 40.
Con V " 8	"	"	May 16, 1967	4	5	25	16	"	D	Topsoil 3;yellow clay 8;blue clay 41;sand gravel 44;hardpan. Water at 41.
Con VI " 9	Devries Bros.	"	May 21, 1967	4						Topsoil 2;yellow clay 9;blue clay 36;hardpan 49;grey black shale 52. Dry hole.
Con VI " 9	"	"	May 23, 1967	4						Topsoil 2;yellow clay 8;blue clay 35;hardpan 50;grey black shale 52. Dry hole.
Con VI " 9	"	"	May 24, 1967	4						Topsoil 2;yellow clay 9;blue clay 40;black shale 42. Dry hole.
Con VI " 9	"	"	May 26, 1967	4	1 1/2	35	21	Fresh	N	Topsoil 2;yellow clay 11;blue clay 39;black shale. Water at 39.
Con VI " 9	"	"	June 1, 1967	4	5	25	21	"	D,S	Topsoil 2;yellow clay 11;blue clay 39;gravel loose black shale 40;black shale 45. Water from 40 to 45.
Gore Con I " 3	W.Nevill	D.Simpson	Sep.27,1966	4	1	40	9	"	D,S	Topsoil 1;clay 42;sand gravel 44;black shale 51. Water at 42.
Gore Con I " 6	G.Elgie	R.Simpson	Nov.18,1965	4					N	Topsoil 2;blue clay 47;black shale 60. Dry hole.
Gore Con I " 6	"	"	Dec.14,1965	4	5	20	12	"	D,S	Topsoil 2;clay 45;shale gravel 46;black shale 47. Water from 45 to 46.
Gore Con I " 10	R.Green	D.Simpson	June 9, 1967	4	2	30	8	"	D	Topsoil 1;yellow clay 5;blue clay 49;loose shale gravel 50; black shale. Water from 49 to 50.
Gore Con I " 10	"	"	June 12, 1967	4	5	15	8	"	D,S	Topsoil 1;yellow clay 7;blue clay 48;gravel 50;black shale 51. Water from 48 to 50.
Gore Con II " 1	B.Scaman	"	Feb.18,1967	4	4	24	22	"	D	Topsoil 2;red sand 5;clay 51;gravel 58;hardpan. Water from 56 to 58.
Gore Con III " 1	W.Robbins	Hadco Well Digging Ltd.	June 9, 1964	27 1/2						Topsoil 1;yellow clay 14;blue clay 30. Dry hole.
Gore Con III " 1	C.Lucas	D.Simpson	Feb.15,1966	4	3	36	30	Fresh	D,S	Topsoil 1;clay 53;gravel 54;hardpan 56. Water from 53 to 54.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Camden Twp. - cont.										
Gore Con V lot 6	E.FitzGerald	R.Simpson	Oct.27,1965	4	3	45	20	Fresh	D,S	Topsoil 2;yellow sand 5;clay 30;hardpan 57;limestone sand gravel 60;black shale 64. Water from 57 to 60.
Gore Con V " 6	"	"	Nov. 2,1966	4						Topsoil 3;yellow clay 10;blue clay 40;hardpan 59;shale 61. Dry hole.
Gore Con VI " 6	"	H.McDonald	Apr. 5,1967	4						Topsoil 2;brown clay 20;blue clay 60;black shale 70. Dry hole.
Gore Con VI " 6	"	"	Apr. 6,1967	4						Topsoil 2;brown clay 20;blue clay 58;black shale 90. Dry hole.
Gore Con VI " 6	"	"	Apr.13,1967	4						Topsoil 2;brown clay 22;blue clay 55;black shale 60. Dry hole.
Gore Con VI " 6	"	"	Apr.13,1967	4						Topsoil 2;brown clay 20;blue clay 55;black shale 100. Dry hole.
Gore Con VI " 7	E.Sturgis	Wade's	Aug.30,1966	4						Yellow clay 7;blue clay 23;grey clay 24;hardpan 48;black shale 66. Dry hole.
Gore Con VI " 9	M.Neaves	"	Aug.13,1964	4						Yellow clay 8;grey clay 32;hardpan 50. Dry hole.
Gore Con VI " 9	"	"	Aug.15,1964	4	2	21	19	Salty	D	Yellow clay 8;grey clay 32;hardpan 42;black shale 50. Water at 48.
Gore Con VI " 9	J.Gibson	"	Aug.18,1964	4	1	27	16	Fresh	D	Yellow clay 8;grey clay 37;hardpan 48;black shale 60. Water at 46.
Gore Con VI " 9	H. Devries	"	Aug. 5,1966	4						Yellow clay 10;grey clay 36;hardpan 52;black shale 65;grey shale 70. Dry hole.
Gore Con VI " 9	"	"	Aug.16,1966	4						Yellow clay 8;grey clay 36;hardpan 48;black shale 72. Dry hole.
Gore Con VI " 9	"	"	Aug.18,1966	4						Yellow clay 8;grey clay 36;hardpan 52;black shale 64;grey shale 68. Dry hole.
Gore Con VI " 9	"	"	Sep. 2,1966	4						Yellow clay 8;grey clay 32;hardpan 34;black shale 64. Dry hole.
Gore Con VII " 3	G.Holmes	D.Simpson	Mar.10,1964	4						Topsoil 1;red sand 4;clay 34;hardpan 44;black shale 49. Dry hole.
Gore Con VII " 3	"	Wade's	Dec.18,1965	4						Sand 8;blue clay 30;hardpan 50;black shale 70. Dry hole.
Gore Con VII " 3	"	"	Dec.22,1965	4						Dark sand 7;blue clay 29;hardpan 50;black shale 70. Dry hole.
Gore Con VII " 3	W.Klooststra	"	Oct.12,1967	4						Yellow sand 3;grey sand 7;yellow clay 12;blue clay 30;hardpan 53;black shale 68. Dry hole.
Gore Con VII " 3	"	"	Oct.14,1967	4						Sand 10;blue clay 14;blue clay 30;hardpan 52;black shale 70. Dry hole.
Gore Con VII " 3	M.Zruna	"	Sep. 4,1965	4				Fresh		Sand 5;blue clay 34;hardpan 40;black shale 60. Water at 40. Insufficient water.
Gore Con VII " 3	"	"	July20,1965	4						Sand 6;grey clay 32;hardpan 35;black shale 50. Dry hole.
Gore Con VII " 3	"	"	July21,1965	4						Sand 5;quicksand 6;grey clay 33;hardpan 37. Dry hole.
Gore Con VII " 3	W.Klooststra	"	Oct.10,1967	4						Sand 6;yellow clay 12;blue clay fine gravel 30;hardpan 51;black shale 67. Dry hole.
Gore Con VII " 6	T.Jenkins	R.Simpson	May 3, 1966	4	3	30	16	Fresh	D,S	Topsoil 3;yellow clay 9;blue clay 34;hardpan 37;black shale 40. Water at 37.
Gore Con VII " 10	G.Kerr	Wade's	Feb.11,1964	4						Yellow clay 12;blue clay 35;hardpan 52;black shale 70. Dry hole.
Gore Con VII " 10	"	"	Feb.18,1964	4	1	20	24			Yellow clay 12;blue clay 35;hardpan 47;grey shale black shale 52;black shale 60;grey shale 65;black shale 70. Water at 48.
Gore Con VII " 10	F.Coite	"	Jan.16,1967	4	10	58	20	Fresh	D	Yellow clay 7;grey clay 30;hardpan 45;black shale 58. Water at 45.
Gore Con VIII " 3	Dawn Mills	D.Simpson	Feb.26,1964	4	2	32	16	"	D	Topsoil 1;clay 7;quicksand 8;blue clay 20;hardpan 35;loose shale gravel 36;black shale 46. Water at 36.
Gore Con VIII " 3	United Church E.Elgie	Wade's	June21,1964	4	4	53	25	"	D	Sandy clay 3;quicksand 8;blue clay 37;hardpan 41;black shale 53. Water at 46.

KENT COUNTY - cont.													
Garden Twp. - cont.													
Gore Con VIII lot 3	Dawn Mills	D.Simpson	Feb.18,1964	4									Topsoil 1;red sand 7;clay 32;hardpan 47;black shale 48. Dry hole.
Gore Con VIII " 3	United Church	"	Feb.19,1964	4									Topsoil 1;red sand 7;clay 31;hardpan 49;black shale 50. Dry hole.
Gore Con VIII " 3	"	"	Feb.20,1964	4									Topsoil 1;red sand 6;clay 30;hardpan 50;black shale 54. Dry hole.
Gore Con VIII " 8	M.Northcott	"	Apr.24,1967	4	2	29	10	Fresh	D	Topsoil 1;clay 27;hardpan 36;gravel 37;black shale 38. Water from 36 to 37.			
Gore Con VIII " 10	K.Johnston	R.Simpson	Aug. 9,1965	4	7	28	11	"	S	Topsoil 2;yellow clay 9;blue clay 35;loose shale 36;black shale. Water at 35.			
Gore Con IX " 10	C.Webster Sr.	"	Apr.22,1965	4	3	28	10	"	D,S	Topsoil 2;yellow clay 7;blue clay 29;loose shale 30;black shale 31. Water at 29.			
Gore Con IX " 10	"	"	Aug.21,1967	4	4	25	10	"	D,S	Topsoil 2;yellow clay 7;blue clay 30;gravel loose shale 31; black shale 32. Water at 30.			
Gore Con X " 2	W.Bedell	"	June10,1965	4	6	9	8	"	D,S	Topsoil 3;yellow clay 7;blue clay 37;loose shale 38;black shale 39. Water at 37.			
Gore Con X " 5	O.Badder	D.Simpson	Mar. 6,1964	4	6	20	18	"	D,S	Topsoil 1;red sand 4;clay 27;loose shale gravel 29;black shale 31. Water at 27.			
Gore Con X " 5	E.Plummer	R.Einsonneault	Aug.28,1964	4	12	12	12	"	D	Topsoil 2;yellow clay 10;brown clay 32;black clay 35;black shale. Water at 35.			
Gore Con X " 8	J.Brooks	D.Simpson	Aug.24,1967	4	1 1/2	14	7	"	D	Topsoil 1;clay 12;hardpan 17;gravel loose shale 18;grey black shale 25. Water at 17.			
Gore Con XI " 1	C.Blakely	"	Feb.28,1964	4	5	31	11 1/2	"	D,S	Topsoil 1;red sand 6;clay 34;hardpan 50;gravel 54;black shale 60. Water at 50.			
Gore Con XI " 1	C.Baxter	R.Simpson	Aug.30,1967	4	4	30	10	"	D	Topsoil 4;yellow clay 6;blue clay 27;hardpan 43;loose shale gravel 44;black shale 45. Water at 43.			
Gore Con XI " 5	G.McCorkle	D.Simpson	Feb.29,1964	4	5	16	14	"	D,S	Topsoil 1;red sand 4;clay 29;hardpan 31;gravel 32;blue shale 33. Water at 31.			
Gore Con XI " 6	W.Turner	"	Aug. 7,1965	4	4	20	20	Sulphur	D	Topsoil 1;clay 26;gravel 28 1/2;shale 30. Water at 25.			
Gore Con XII " 1	J.Cousins	R.Simpson	Oct.20,1965	4						Topsoil 2;yellow sand 7;blue clay 35;hardpan 47;grey limestone 49. Dry hole.			
Gore Con XII " 1	"	"	Oct.22,1965	4						Topsoil 2;yellow sand 7;blue clay 36;hardpan 40;grey limestone 52. Dry hole.			
Gore Con XII " 1	"	"	Oct.24,1965	4						Topsoil 2;yellow sand 6;blue clay 35;hardpan 47;grey limestone 48. Dry hole.			
Gore Con XII " 1	"	"	Dec.25,1965	4						Topsoil 2;yellow sand 6;blue clay 35;hardpan 47;limestone 51.Dry hole.			
Gore Con XII " 1	"	"	Dec.20,1965	4	3	50	10	Fresh	N	Topsoil 2;yellow sand 6;blue clay 35;hardpan 40;clay fine sand 43;hardpan 48;grey limestone 50. Water from 40 to 43.			
Gore Con XII " 1	"	"	June 9,1966	4						Topsoil 2;yellow sand 5;blue clay 35;hardpan 47;grey limestone 48. Dry hole.			
Gore Con XII " 1	"	"	June10,1966	4						Topsoil 2;yellow sand 6;blue clay 35;hardpan 48;grey limestone 54. Dry hole.			
Gore Con XII " 1	"	"	June12,1966	4	2 1/2	28	10	Fresh	D	Topsoil 2;yellow sand 5;blue clay 34;fine sand 35;hardpan 40. Water at 34.			
Gore Con XII " 3	H.Cryderman	R.Einsonneault	Aug.25,1965	4	1	50	9	"	S	Sand 6;clay 40;hardpan 45;limestone 50. Water at 50.			
Gore Con XII " 9	F.Parkins	W.Weatherstone	Dec. 9,1964	6	5	16	15	"	S	Brown top clay 12;blue clay 33;hard black clay gravel 35. Water from 34 to 35.			
Gore Con XII " 9	"	"	Dec.10,1964	6	5	26	14	"	D	Top clay 3;brown clay 12;blue clay 32 1/2;hard black clay gravel 33 1/2. Water at 33 1/2.			

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Camden Twp. - cont. Gore Con XIII lot 3	J. Cryderman	R. Simpson	Sep. 24, 1967	4						Topsoil 5; yellow clay 7; blue clay 45; hardpan 62; grey limestone 63. Dry hole.
Gore Con XIII " 3	"	"	Sep. 20, 1967	4	3	30	16	Fresh	N	Topsoil 5; yellow clay 9; blue clay 45; hardpan 57; hardpan sand 63; grey limestone 64. Water at 63.
Gore Con XIII " 6	Rose Bros.	"	Sep. 1, 1967	4						Topsoil 5; yellow clay 7; blue clay 36; grey limestone 40. Dry hole.
Gore Con XIII " 7	J. Wolfe	R. Pinsonneault	Aug. 20, 1964	4						Sand 7; brown clay 37; streak dirty shale 38; hardpan 40; soapstone 42; limestone 44; soapstone 45. Dry hole.
Gore Con XIII " 8	Mrs. Hall	R. Simpson	Oct. 28, 1966	4	4	22	10	Fresh	D	Topsoil 4; blue clay 24; grey black shale 26. Water at 24.
Gore Con XIV " 5	H. Ross	"	Mar. 15, 1967	4	4	30	11	"	D, S	Dug well 20; blue clay 36; hardpan 40; loose shale 42. Water at 40.
Chatham, City	Arrow Laundry	G. Rice	Feb. 26, 1964	4	1 1/2	74	14	Fresh	C	Sand 10; blue mud 60; sand gravel 69; black shale 74. Water at 74.
	"	Q. Lecuyer	Nov. 5, 1966	4						Red sand 15; soft clay 45; hardpan 60; fine sand 65; hard clay 70. Dry hole.
	C. Bruhlman	Hadco Well Drlg. & Digging Ltd.	Nov. 13, 1967	30	8	54	2	Fresh	In	Driveway 1; brown sandy clay 10; blue marl 14; blue clay 44; sand gravel 47; black shale 55. Water at 10, 12 and 44.
Chatham Twp. Con I lot 4	H. Milliard	D. Leceuyer	Dec. 1, 1965	4	1	50	22	Fresh	D	Clay 8; sand 16; clay 35; fine sand 45; gravel clay 59; gravel sand 63; coarse black gravel sand 68. Water at 40 and 67 1/2.
Con I " 4	"	"	Sep. 16, 1966	4	4	50	20	"	D	Clay 3; sand 10; clay 44; gravel sand 50; clay pebbles 61; sand gravel 63; black sandy shale 63 1/2. Water at 63.
Con I " 4	"	"	Mar. 28, 1966	4	4	45	24	"	D	Clay 11; sand 16; clay 37; medium sand 45; clay pebbles 62; sand gravel 63; gravel sand 64; gravel 64 1/2. Water at 64.
Con I " 4	"	"	Dec. 29, 1965	4	1 1/2	58	22	"	D	Clay 9; sand 15; clay 42; sand 50; clay pebbles 63; fine sand gravel 65; gravel coarse sand 66; black shale 67. Water at 44 and 66.
Con I " 4	D. St. Pierre	M. Johnston	Feb. 28, 1966	4	5	29	24	"	D	Sand 20; blue clay 40; blue clay small stones 58; sand 62; blue clay small stones 64; gravel 65. Water from 64 to 65.
Con I " 4	N. O'Brien	O. Lecuyer	Oct. 15, 1965	4	4	29	22	"	D	Red sand 12; soft clay 25; hardpan 64; gravel 65. Water at 64.
Con I " 4	L. Calhoun	D. Wales	Oct. 3, 1967	4	5	34	24	"	D	Sand 7; quicksand 8; grey clay 40; hardpan 67; black shale 70. Water at 67.
Con I " 5	L. Davis	D. Simpson	Mar. 13, 1964	4						Topsoil 1; clay 45; hardpan 54; gravelly hardpan 56; gravel 61; black shale. Dry hole.
Con I " 5	"	"	Mar. 16, 1964	4	1	60	41	Fresh	D	Topsoil 1; clay 45; hardpan 54; gravelly hardpan 56; gravel 61; black shale 63 1/2. Water at 56.
Con I " 5	G. Urquart	D. Lecuyer	Aug. 13, 1964	4	1 1/2	55	27	"	D	Clay 12; sand 18; clay 39; medium sand 45; clay pebbles 60; gravel clay 61; medium sand 62; black shale 62 1/2. Water at 62.
Con I " 5	H. Stewart	Hadco Well Digging Ltd.	Sep. 24, 1964	30	3	28	15	"	S	Topsoil 1; sandy brown clay 15; blue grey sand 22; blue clay 30. Water at 18.

KENT COUNTY - cont. Chatham Twp. - cont.											
Con I	lot 5	D. MacKenzie	R. Penseonnesult	Sep. 30, 1964				22	Fresh	N	Topsoil 2; brown clay 30; quicksand 35; sand 35½; sand silt gravel 37; clay pebbles 82; shale 95. Water at 35½. Abandoned due to silt
Con I	" 5	"	"	Oct. 6, 1964				22	"	N	Topsoil 2; brown clay 34; gravel clay 60; silt 63; quicksand 67; gravel clay 83; shale 100. Water from 60 to 63. Silty.
Con I	" 5	A. Demers	D. Lecuyer	Mar. 2, 1965	4	2½	45	27	"	D	Clay 12; sand clay 16; soft clay 42; clay boulders gravel 59½; coarse gravel 60; sandy shale black hard shale 62. Water at 60.
Con I	" 5	P. Dick	"	Mar. 18, 1965	4			27	"	N	Sandy loam 3; clay 10; sand 14; clay pebbles 63; coarse gravel clay 64; gravel sandy shale 64½; sandy shale 66. Water at 64½.
Con I	" 5	H. Stewart	O. Lecuyer	Mar. 16, 1965	4	4	35	28	"	D, S	Red sand 15; soft clay 50; hardpan 66; gravel 68. Water at 67.
Con I	" 5	P. Dick	D. Lecuyer	May 11, 1965	4	1	45	26	"	D	Clay sand 8; sand 16; clay pebbles 60; clay gravel 63; coarse sand 65; sand gravel 66; black shale 68. Water at 63 and 67.
Con I	" 5	N. Scott	O. Lecuyer	May 19, 1965	4	4	31	24	"	D	Hard red clay 10; soft blue clay 57; hardpan 62; gravel 63. Water at 62.
Con I	" 5	J. Allemeersch	D. Lecuyer	June 16, 1965	4	4	40	37	"	D	Clay 12; sand pebbles 20; clay 50; clay pebbles 61; greenish black shale 61½; black shale 62. Water at 62.
Con I	" 5	S. Smyth	"	Sep. 2, 1965	4	½	64	32	"	N	Clay 12; sand 17; clay 51; clay pebbles 57; gravel clay 59; gravel loose shale 60; black shale 64. Water at 60.
Con I	" 5	"	"	Sep. 7, 1965	4						Clay 14; sand 17; clay 50; clay pebbles 57; gravel 60½; black shale 62½. Dry hole.
Con I	" 5	H. Millyard	"	Apr. 28, 1967	4	4	25	21	Fresh	D	Clay 10; sand 13; clay 37; gravel clay 45; clay pebbles 62; sand gravel 64; black shale 66. Water at 65.
Con I	" 6	A. Bushey	O. Lecuyer	Feb. 16, 1965	4	4	30	15	"	D	Red sand 15; hard clay 32; soft clay 58; sand gravel 62. Water from 58 to 62.
Con I	" 6	E. Busby	D. Lecuyer	Aug. 13, 1966	4					D	Clay 8; sand 19; clay 50; clay pebbles 59; gravel clay 61; medium gravel sand 62; fine sand 63; medium gravel clay 65. Dry hole.
Con I	" 6	"	"	Aug. 15, 1966	4	4	30	20	Fresh	D	Clay 10; sand 20; clay pebbles 59; medium gravel 62. Water at 61.
Con I	" 6	L. Rayment	"	Sep. 12, 1966	4	6	45	18	"	D	Clay 12; sand 18; clay 45; sand clay 58; sand gravel 60. Water at 60.
Con I	" 6	E. Bushey	"	Dec. 29, 1964	4	1½	30	24	"	D	Clay 6; sand 18; clay 52; clay pebbles 60; sand gravel 62½; medium gravel 63. Water at 63.
Con I	" 7	R. Lumley	F. Couture	June 10, 1964	4			17	"	D	Topsoil 9; quicksand 11; blue clay 50; hardpan 51; blue clay 58; gravel clay 65. Water from 59 to 65. Gas.
Con I	" 7	R. Dumay	Hadco Well Digging Ltd.	July 21, 1964	30	2	64	50	"	D	Topsoil 1; brown sandy clay 4; brown sand 10; blue sandy clay 40; hardpan 58; brown sand 61; gravel 64. Water at 61.
Con I	" 7	"	"	Sep. 24, 1964	30	1	30	8	"	D	Topsoil 1; brown sandy clay 8; blue clay sand 30. Water at 8 and 15.
Con I	" 7	A. Verfaillie	F. Couture	Dec. 1, 1964	4	½	30	18	"	D	Topsoil 5; quicksand 7; blue clay 48; hardpan 51; grey clay 59; gravel 59½. Water at 59½.
Con I	" 7	R. Lumley	"	Dec. 16, 1964	4						Topsoil 5; quicksand 7; blue clay 50; hardpan 52; blue clay 70; gravel clay 71. Dry hole.
Con I	" 7	J. Charron	E. Hussey	Dec. 19, 1964	4	4	51	31	Fresh	D	Red yellow sand 18; putty sand 46; clay 60; fine sand 68; black shale 71. Water from 64 to 65 and from 69 to 71.
Con I	" 7	G. Bechard	C&M Johnston	Jan. 8, 1965	4	2	30	22	"	D	Surface topsoil 1; clay 7; sand 11; clay 45; clay small stones 57; gravel 61. Water from 57 to 61.
Con I	" 7	J. Anderson	F. Couture	Nov. 15, 1965	4	1	80	25	"	N	Sand 8; blue clay 42; hardpan 44; blue clay 68; black shale clay 84. Water at 84.
Con I	" 7	J. Meinzinger	D. Lecuyer	June 29, 1966	4						Clay 12; sand 19; clay 50; clay pebbles 62; medium sand 67; clay pebbles 88; medium gravel 89; clay soapstone 94. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1965 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Chatham Twp. - cont.										
Con I lot 7	J. Meinsinger	D. Lecuyer	July 4, 1966	4	60	62	21	Fresh	D	Clay 12; sand 19; clay 56; clay pebbles 61; medium gravel 62. Water at 62.
Con I " 7	S. Morton	"	Oct. 10, 1966	4						Clay 4; sand 14; soft clay 50; gravel clay hardpan 60; gravel fine sand 61. Dry hole.
Con I " 7	"	"	Oct. 24, 1966	4						Clay 5; sand 10; clay 12; sand 18; clay 55; clay pebbles 62; gravel fine sand 64. Dry hole.
Con I " 7	H. Roffel	D. Simpson	Dec. 18, 1965	4	2	41	28	Fresh	D	Topsoil 2; clay 10; quicksand 12; clay 60; hardpan 70; gravel 71; black shale 74. Water at 70.
Con I " 7	A. Bloomer	"	Dec. 3, 1965	4	2	42	30	"	D	Topsoil 2; clay 60; sand gravel silt 65; hardpan 67; gravel 71; black shale 75. Water at 67.
Con I " 7	Rev. Edwards	O. Lecuyer	Aug. 20, 1966	4	1 1/2	40	20	"	D	Hard clay red sand 20; soft clay 40; hardpan 41; coarse gravel 62. Water at 62.
Con I " 7	R. Clark	"	Aug. 25, 1966	4	1	62	20	"	D	Red sand 14; hard clay 20; soft clay 40; hardpan 61; sand 62. Water at 62.
Con I " 8	R. Lumley	"	Sep. 1, 1966	4						Red sand hard clay 20; soft clay 45; hardpan 62. Dry hole.
Con I " 8	J. Cox	C&M Johnston	Nov. 4, 1965	4	3	30	22	"	D	Topsoil 1; clay 6; sand 18; clay 40; clay stone 53; gravel 57; gravel clay 59. Water from 53 to 57.
Con I " 9	J. Marshall	D. Simpson	Sep. 26, 1964	4	2	31	22	"	D	Topsoil 1; clay 52; hardpan 54; sand gravel 58; hardpan 59. Water at 54.
Con I " 13	J. Clyde	"	Mar. 26, 1966	4	1/2	70	19	"	D	Topsoil 2; clay 8; quicksand 10; clay 40; hardpan 70; loose shale gravel 78; black grey shale 84. Water from 70 to 78.
Con I " 15	I. Cudney	D. Lecuyer	Mar. 3, 1967	4	40	70	27	"	D	Clay 8; sand 16; clay 18; sand 22; clay 46; sand gravel clay 78; black shale 83; hard black shale 85. Water at 82.
Con I " 15	"	Hadco Well Drlg. & Digging Ltd.	June 1, 1967	24	5	25	10	"	D	Topsoil 2; brown clay 10; brown sand 20; blue clay 30. Water at 12.
Con I " 21	J. Hardey	D. Simpson	Dec. 14, 1966	4	2 1/2	42	28	"	D	Topsoil 1; sand 19; clay 48; gravel 49; hardpan 64; gravel 65; black shale 67. Water at 64.
Con I " 24	H. Stuart	Hadco Well Drlg. & Digging Ltd.	Oct. 26, 1965	30	1		15	"	D	Topsoil light sandy loam 2; brown sand 6; sandy gravel 10; brown sand 15; grey blue marl 18; fine coarse sand gravel 28; blue clay 39. Water at 15 and 18.
Con I " 28	G. Burne	D. Simpson	June 15, 1967	4	5	35	25	"	D	Topsoil 1; clay 55; loose shale gravel 57; black shale 60. Water from 55 to 57.
Con I " 28	Chatham Twp. Park	Wade's	July 27, 1967	4	10	24	21	"	P	Dark clay 3; quicksand 5; grey clay 55; hardpan 59; grey shale 67. Water at 59.
Con II " 3	J. Bakker	R. Pinsonneault	Apr. 7, 1964	4	1		20	"	N	Brown clay 2; blue clay 52; white sand 53; brown clay pebbles 78; shale 88. Water at 78.
Con II " 3	"	"	Apr. 13, 1964	4	3	50	18	"	D, S	Sand 4; blue clay 67; shale 82. Water at 67 and 82.
Con II " 3	J. Laly	D. Lecuyer	July 10, 1966	4						Clay 12; sand 16; clay 57; sand gravel 65; medium sand 67; clay pebbles 81; gravel 84; clay soapstone 94. Dry hole.
Con II " 3	"	"	July 14, 1966	4						Clay 14; gravel 18; clay 56; fine sand clay 62; clay pebbles 72; clay 84. Dry hole.
Con II " 4	G. Vanuden	D. Simpson	July 8, 1966	4	3 1/2	45	29	Fresh	D	Topsoil 1; red sand 8; clay 47; streaks sand clay 66; gravel loose shale 68; black shale 78. Water at 68.
Con II " 6	W. Romanok	D. Lecuyer	Apr. 23, 1965	4	2	70	15	"	D	Sandy clay 8; clay gravel 19; clay 40; clay gravel 67; gravel sand shale 80; gravel greenish shale 82; softer gravel green shale 85. Water at 82.
Con II " 7	St. Vincent School	O. Lecuyer	May 15, 1965	4	6	24	15	"	P	Red sand 15; soft clay 25; hard clay 35; soft clay 65; hardpan 87; gravel 88. Water at 87.



KENT COUNTY - cont.		Chatham Twp. - cont.																	
Con	II	lot	8																
Con II	"	8	P.Srnicek	D.Lecuyer	Feb.20,1964	4	6	18	12	Fresh	D	Clay 18;sand 20;clay 38;sand gravel clay 64;gravel clay 72; black shale 73;greenish black shale 75. Water at 74.							
Con II	"	8	P.VanGerven	"	Apr.16,1964	4	6	35	7	"	D	Clay 12;sand 15;soft clay 35;clay pebbles 53;coarse gravel 55; fine gravel 56. Water at 53 and 56.							
Con II	"	8	K.Baumeester	"	Apr.23,1964	4	3	18	7	"	D	Clay 12;sand 13;clay 38;clay pebbles 52;black sand coarse gravel 55. Water at 54.							
Con II	"	10	H.Blackburn	Hadco Well Digging	Jan. 3,1964	27½	2	20	10	"	D,S	Topsoil 2;brown sand 4;brown clay 8;brown sand 14;blue sand 20. Water at 10.							
Con II	"	27	R.Murphy	H.McDonald	June28,1966	4	8	15	11	"	D	Topsoil 2;brown clay 22;blue clay 57;gravel 59;black shale 60. Water from 57 to 59.							
Con II	"	27	J.Hauniaux	D.Wades	Sep.21,1967	4	10	5	15	"	D	Sand 8;grey clay 55;sand 58;black shale 70. Water at 65.							
Con III	"	1	Purity Dairies	Hadco Well Digging Ltd.	Mar.12,1965	24	28	45	20	"	C	Topsoil 1;brown sand 7;blue sandy clay 54;hardpan 56;gravel 61;blue clay hardpan 64;fine gravel 70. Water at 56 and 64.							
Con III	"	1	"	C.Lecuyer	Sep. 2,1965	4	7	28	21	"	C	Topsoil 1;brown sand 7;blue sandy clay 54;hardpan 56;gravel 61;blue clay hardpan 64;fine gravel 70. Water at 56 and 64.							
Con III	"	1	"	"	Sep.. 4,1965	4				"		Brown sand clay 17;blue clay 54;hardpan 57;gravel 61;hardpan 75. Dry hole.							
Con III	"	1	"	D.Lecuyer	June21,1967	4	5	40	15	Fresh	D	Clay 8;sand 14;clay 58;clay pebbles 58;gravel sand 64;black greenish shale 65. Water at 65.							
Con III	"	11	T.Brown	D.Simpson	Aug. 6,1966	4	1	55	17	"	D	Topsoil 1;clay 10;quicksand 11;clay 50;hardpan 60;loose shale gravel 61. Water at 60.							
Con III	"	8	A.Kucera	R.Pinwonneault	Apr.20,1964	4			19	"	N	Topsoil 2;yellow clay 10;blue clay 52;sand 55. Water at 55. Abandoned due to fine sand.							
Con III	"	8	"	"	Apr.24,1964	4			19	"	N	Topsoil 2;yellow clay 10;blue clay 52;white sand 54;brown clay 64;shale 73. Water at 54.							
Con III	"	8	"	D.Lecuyer	Nov. 4,1965	4	60	30	6	"	D	Clay 8;sand 14;clay 46;clay pebbles 52; medium gravel 54; gravel sand 56. Water at 54.							
Con III	"	8	J.Korpan	Hadco Well Digging Ltd.	Aug.24,1965	30	1		6	"	D	Brown clay 4;brown sand 10;blue sandy clay 12;blue grey clay 20. Water at 6.							
Con III	"	10	Chatham Sales & Exchange Ltd.	"	Feb.27,1964	30	1		8	"	C	Topsoil 1;brown sandy clay 18; blue clay 25;blue sand 29;blue clay 38. Water at 8 and 25.							
Con III	"	22	H.Richmond	H.McDonald	Oct.31,1966	4	6	16	10	"	S	Topsoil 2;brown clay 20;blue clay 64;gravel 65;black shale 66. Water at 64.							
Con IV	"	1	W.Martin	C.Lecuyer	Sep.15,1964	4	4	30	12	"	D	Red sand 10;soft blue clay 55;hardpan 68;sand gravel 70. Water at 68.							
Con IV	"	3	"	"	Aug.15,1966	4	4	35	30	"	D	Red sand 20;soft clay 55;hardpan 65;sand gravel 70. Water at 68.							
Con IV	"	7	J.Brodie	"	Sep.21,1967	4	3	28	14	"	D,S	Brown clay 72;soft blue clay 66;gravel 67. Water from 66 to 67.							
Con IV	"	7	"	D.Lecuyer	Aug.21,1967	4				"		Clay 4;sand 18;soft clay 64;clay pebbles 70;clay gravel shale 72; soft black shale 76. Dry hole.							
Con IV	"	13	S.Meloche	Hadco Well Digging Ltd.	June 8,1965	30	2	14	7	Fresh	D	Clay 8;clay gravel 11;hard clay 14;sand 16;hard clay 21. Water from 8 to 11 and from 14 to 16.							
Con IV	"	13	P.Boissant	Wades	May 20,1965	4	5	30	15	"	D	Yellow clay 3;quicksand 6;grey clay 68;sand 70;black shale 76. Water at 70.							
Con IV	"	18	M.McKerrall	Hadco Well Digging Ltd.	Aug.13,1964	30	2	22	8	"	D,S	Topsoil 1;brown sandy clay 4;sandy loam 12;blue clay 23. Water at 8.							
Con IV	"	22	J.Ondrich	"	May29, 1964	30	10	72	20	"	D,S	Topsoil 2;brown sand 4;blue clay 55;blue shale rocks 70;grave 1 sand 73. Water from 70 to 73.							

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1965 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Chatham Twp. - cont.										
Con IV lot 26	D. Johnston	H. McDonald	June 10, 1967	4	25	14	8	Fresh	D	Topsoil 2; brown clay 15; blue clay 58; gravel 61; black shale 62. Water at 58.
Con V " 1	N. Spurgeon	Hadco Well Digging Ltd.	Nov. 8, 1966	30	30	50	17	"	D	Topsoil 1; brown clay 13; blue clay 16; blue sand 19; blue clay 50. Water at 13 and 16.
Con V " 5	W. Moir	D. Simpson	Mar. 20, 1965	6	5	20	11	"	D, S	Topsoil 1; clay 5; quicksand 6; clay 63; gravel 64; black shale. Water at 63.
Con V " 9	C. Laevens	D. Lecuyer	Apr. 9, 1964	4	1	68	9	"	D	Clay 14; medium sand 19; clay 56; sand gravel 65; black shale 68. Water at 56 and 67.
Con V " 9	"	"	Sep. 3, 1964	4	1	35	9	"	D	Clay 8; sand 16; clay 53; sand gravel 55; gravel loose shale 58; black shale 64. Water from 55 to 58.
Con V " 9	"	O. Lecuyer	Sep. 25, 1964	4	2	30	14	"	D, S	Red sand 10; soft clay 55; hardpan 64; sand 65. Water at 64.
Con V " 9	G. Leavens	"	May 12, 1965	4	4	20	15	"	D, S	Red sand 12; soft blue clay 68; gravel 69. Water at 68.
Con V " 10	H. Gysels	C&M. Johnston	Oct. 3, 1964	4				"		Surface topsoil 1; clay 13; gravel 15; clay 60; gravel strips shale 65; shale 68. Water from 13 to 15.
Con V " 10	"	"	Oct. 9, 1964	4	3	14	12	"	D, S	Surface topsoil 1; clay 13; gravel 15; clay 60; gravel 62; shale 66. Water from 13 to 15 and from 60 to 62.
Con V " 18	W. Hunter	R. Simpson	May 30, 1966	4	2 1/2	70	25	"	D, S	Topsoil 4; yellow sand 8; blue clay 50; hardpan 74; gravel 75; black shale 87. Water at 74.
Con V " 22	W. Hunter Jr.	D. Simpson	Mar. 12, 1965	4	2	45	13	"	D	Topsoil 1; red sand 5; clay 39; hardpan 51; gravel 55. Water at 51.
Con V " 23	J. Bednarik	D. Wade's	Oct. 19, 1967	4	1 1/2	60	17	"	D	Sand 10; grey clay 38; hardpan 57; grey limestone 60. Water at 59.
Con VI " 2	A. Ross	R. Simpson	Oct. 20, 1967	4	4	25	9	"	D, S	Topsoil 2; yellow clay 7; blue clay 61; hardpan fine sand 74; sand gravel 76. Water at 61, 70 and 74.
Con VI " 12	A. Ernteman	D. Simpson	Sep. 4, 1964	4	2	45	16	"	D	Topsoil 1; red sand 17; clay 60; loose shale 61; black shale 67. Water at 60.
Con VI " 24	J. Cudney	"	Oct. 27, 1967	7	2 1/2	30	15	"	N	Topsoil 1; red sand 4; quicksand 5; blue clay 46; sand silt 48; hardpan 50; black shale 53. Water at 46.
Con VII " 3	H. Patterson	"	May 28, 1965	4	3	20	8	"	S	Topsoil 2; clay 8; quicksand 9; clay 53; loose shale gravel 54 1/2; black shale 59. Water at 53.
Con VII " 8	J. Prail	C&M Johnston	Sep. 14, 1964	4	3	18	12	"	D	Surface topsoil 2; sand 16; blue clay 60; gravel 64; shale. Water from 60 to 64.
Con VII " 14	V. Stuart	D. Simpson	Aug. 17, 1967	4				"		Topsoil 2; sand 3; clay 48; hardpan 56; black shale 60. Dry hole.
Con VII " 14	"	"	Aug. 18, 1967	4				"		Topsoil 1; red sand 4; clay 46; hardpan 51; black shale 61. Dry hole.
Con VII " 14	"	"	Aug. 19, 1967	4	3	35	29	Fresh	D, S	Topsoil 1; red sand 4; clay 50; hardpan 55; gravel 57; black shale 59. Water at 55.
Con VII " 21	A. Vanhyfte	R. Simpson	May 10, 1964	4				"		Topsoil 2; yellow sand 5; yellow clay 8; blue clay 56; black shale 58. Dry hole.
Con VII " 21	"	"	May 14, 1964	4	3	50	18	Fresh	N	Topsoil 2; yellow sand 5; yellow clay 9; blue clay 52; fine sand hardpan 53. Water at 52.
Con VII " 21	"	"	May 24, 1964	4	5	20	16	"	D, S	Topsoil 2; yellow sand 5; yellow clay 9; blue clay 52; gravel 53. Water at 52.
Con VIII " 1	A. Boudreau	O. Lecuyer	Nov. 16, 1965	4	3	20	12	"	D	Red sand clay 15; soft blue clay 60; hardpan 73; blue shale 75. Water at 75.
Con VIII " 1	W. Kelly	"	Sep. 23, 1966	4	3	20	7	"	D	Red sand 15; soft blue clay 65; hardpan 66; black shale 67. Water at 67.

KENT COUNTY - cont.  
Gatham Twp. - cont.

Con VIII	lot 14	V. Stuart	D. Simpson	Apr. 13, 1966	7	5	28	16	Fresh	D, S	Topsoil 2; clay 50; gravel 54. Water from 50 to 54.
Con VIII	" 15	D. McGorman	Wades	Oct. 25, 1966	4						Sand 8; grey clay 45; hardpan 68; black shale 85; grey shale 87. Dry hole.
Con VIII	" 15	"	"	Oct. 27, 1966	4						Sand 7; blue clay 42; hardpan 68; black shale 85; grey shale 85. Dry hole.
Con VIII	" 23	S. Erny	D. Simpson	Apr. 7, 1966	7	6	14	10	"	D, S	Topsoil 2; clay 22; hardpan 40; loose shale gravel 43½. Water at 40.
Con IX	" 8	J. Jackson	"	Sep. 12, 1966	4	3	34	30	"	D	Topsoil 1; clay 45; sand gravel 47. Water at 45.
Con IX	" 12	"	"	Sep. 12, 1966	4	3	34	30	"	D	Topsoil 1; clay 45; sand gravel 47; hardpan. Water at 45.
Con IX	" 14	C. Laevens	O. Lecuyer	Oct. 16, 1964	4	5	20	10	"	D, S	Red sand 12; soft blue sand 46; black shale 48. Water at 46.
Con IX	" 15	C. Gervais	R. Simpson	Apr. 13, 1966	4	1	54	14	"	N	Topsoil 2; yellow clay 8; blue clay 50; layer fine sand hardpan 52; black shale 54. Water at 50.
Con IX	" 15	"	"	Apr. 14, 1966	4	1	54	14	"	N	Topsoil 2; yellow clay 8; blue clay 50; layer fine sand hardpan 52; black shale 54. Water at 50.
Con IX	" 15	"	"	Apr. 15, 1966	4	5	24	14	"	D	Topsoil 2; yellow clay 10; blue clay 50; sand 52; black shale 53. Water from 50 to 52.
Con IX	" 19	W. McKinnon	"	July 8, 1966	4	4	25	14	"	D	Topsoil 2; blue clay 39; fine sand 41; coarse gravel 42; hardpan 48; black shale 50. Water at 39.
Con IX	" 19	E. Bennett	"	May 10, 1965	4	2½	40	14	"	D, S	Topsoil 3; yellow clay 8; blue clay 36; clay fine silt 44; fine sand 45. Water at 36.
Con IX	" 19	"	"	May 12, 1965	4	2½	14		"	N	Topsoil 3; yellow clay 8; blue clay 36; silt 45.
Con X	" 1	W. Harding	D. Lecuyer	May 29, 1967	4	1½	40	18	Fresh	D	Clay 6; sand 8; clay 42; gravel medium loose shale 43; black hard shale 44. Water at 43.
Con X	" 2	R. & F. Pinsonneault	C. M. Johnston	Jan. 23, 1965	4						Surface 1; sand clay 12; blue clay 58; shale. Dry hole.
Con X	" 2	"	"	Jan. 29, 1965	4						Surface 1; sand clay 12; blue clay 58; shale 64. Dry hole.
Con X	" 2	"	"	Feb. 10, 1965	4						Surface 1; sand clay 12; blue clay 58; shale 63. Dry hole.
Con X	" 2	"	"	Feb. 23, 1965	4						Surface 1; sand clay 13; blue clay 58; shale 65. Dry hole.
Con X	" 2	"	"	May 18, 1965	4	1	35	24	Fresh	D, S	Surface 1; sand clay 8; blue clay 47½; gravel 48; shale 55. Water from 47½ to 48.
Con X	" 5	L. Ladd	R. Simpson	Sep. 14, 1965	4	5	25	11	"	D, S	Topsoil 2; blue clay 44; black shale gravel 45. Water at 44.
Con X	" 18	H. Lamers	D. Simpson	Feb. 14, 1964	4	4	30	26	"	D, S	Topsoil 2; red sand 8; clay 51. Water at 51.
Con X	" 20	G. Lucas	"	Jan. 18, 1964	4						Topsoil 1; yellow clay 7; clay 37; hardpan 60; black shale 75. Dry hole.
Con X	" 20	Dresden Produce	"	July 7, 1966	4	1	54	35	"	C	Topsoil 2; red clay 9; quicksand 9; clay 40; hardpan 47; loose shale gravel 54; black shale 63. Water at 52.
Con X	" 20	S. Highgate	R. Simpson	Mar. 21, 1967	4	4	40	25	"	D, S	Topsoil 2; sand 6; yellow clay 12; blue clay 53; hardpan 94; gravel 95; shale 96. Water at 94.
Con XI	" 16	F. Kys	Hadco Well Digging Ltd.	June 8, 1965							Brown sand 6; gummy grey clay 51; blue shale 55. Dry hole.
Con XI	" 16	"	R. Simpson	July 19, 1965	4						Topsoil 2; yellow clay 10; blue clay 52; soft grey black shale 54. Dry hole.
Con XI	" 16	"	"	July 20, 1965	4						Topsoil 2; yellow clay 10; blue clay 52; black grey shale 56. Dry hole.
Con XI	" 16	"	"	July 21, 1965	4	½	50	11	Fresh	N	Topsoil 2; yellow clay 10; blue clay 51; black grey shale 53. Water at 51.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Chatham Twp. -cont.										
Con XII lot 5	G.Lusk	H.Simpson	July 4, 1966	4	4	25	10	Fresh	D	Topsoil 2; blue clay 49; black shale 53. Water at 49.
Con XII " 5	"	"	July 3, 1966	4						Topsoil 2; blue clay 49; black shale 53. Dry hole.
Con XII " 5	"	"	July 2, 1966	4						Topsoil 2; blue clay 49; black shale 52. Dry hole.
Con XII " 13	O.Goetheyn	"	Sep. 24, 1966	4	2	60	20	Fresh	D,S	Topsoil 3; blue clay 52; hardpan 65; soft grey black shale 85. Water at 65.
Con XIII " 3	Canadian Cannery	"	June 15, 1967	7						Topsoil 4; yellow clay 7; blue clay 60; black shale 62. Dry hole.
Con XIII " 3	"	"	June 17, 1967	7						Topsoil 2; yellow clay 5; blue clay 60; black shale 62. Dry hole.
Con XIII " 3	"	"	June 18, 1967	7						Topsoil 2; yellow clay 5; blue clay 60; black shale 61. Dry hole.
Con XIII " 3	"	"	June 19, 1967	7						Topsoil 2; yellow clay 5; blue clay 60; black shale. Dry hole.
Con XIII " 3	"	"	June 20, 1967	7	4	30	28	Fresh	N	Topsoil 2; yellow clay 5; blue clay 59; muddy sand 60; black shale 62. Water at 59.
Con XIII " 3	"	"	July 3, 1967	7						Topsoil 5; quicksand 7; blue clay 61; black shale. Dry hole.
Con XIII " 3	"	"	July 4, 1967	4	5	30	2	"	N	Topsoil 2; yellow clay 7; blue clay 59; loose shale gravel 60; black shale 61. Water at 59.
Con XIII " 3	"	"	July 5, 1967	4	2	60	12	"	N	Topsoil 2; yellow clay 7; blue clay 59; black shale 61. Water at 59.
Con XIII " 3	"	"	June 30, 1967	4	4	30	26	"	N	Topsoil 2; yellow clay 5; blue clay 59; muddy sand 61; grey black shale 62. Water at 59.
Con XIII " 3	"	"	July 5, 1967	4	4	40	28	"	N	Topsoil 2; yellow clay 7; blue clay 60; hardpan muddy sand 63; black shale 65. Water at 64.
Con XIII " 3	"	"	July 7, 1967	4	4	44	28	"	N	Topsoil 2; yellow clay 7; blue clay 60; black shale 62. Water at 61.
Con XIII " 3	"	"	July 8, 1967	4						Topsoil 2; yellow sand 5; quicksand 7; blue clay 60; black shale 61. Dry hole.
Con XIII " 3	"	"	July 10, 1967	4	6	30	12	Fresh	D	Topsoil 2; yellow clay 7; blue clay 59; loose shale gravel 60; grey black shale 61. Water at 59.
Con XIII " 13	F.Tiffin	"	Nov. 15, 1966	4						Topsoil 2; yellow clay 6; blue clay 52; soft grey black shale 56. Dry hole.
Con XIII " 13	"	"	Nov. 4, 1966	4	4	24	16	Fresh	N	Topsoil 2; yellow clay 7; blue clay 52; soft grey black shale 54. Water from 52 to 54.
Con XIV " 7	M.DeClark	H.McDonald	May 29, 1965	4						Topsoil 2; brown clay 20; blue clay 60; hard gravel 68; black shale 80. Dry hole.
Con XIV " 8	"	"	May 31, 1965	4	5	32	20	Fresh	D,S	Topsoil 2; brown clay 20; blue clay 60; gravel 64; black shale 65. Water from 60 to 64.
Con XIV " 8	A.Denys	"	Aug. 3, 1965	4	5	30	23	"	D,S	Topsoil 2; brown clay 22; blue clay 63; gravel 64; black shale 65. Water at 63.
Con XV " 8	R.Leeson	Wades'	Feb. 3, 1966	4						Yellow clay 8; grey clay 63; hardpan 65; black shale 85. Dry hole.
Con XV " 8	"	"	Feb. 5, 1966	4						Yellow clay 8; grey clay 63; hardpan 65; gas sand black shale 80. Dry hole.
Con XV " 8	"	"	Feb. 8, 1966	4						Dark clay 2; sand 6; grey clay 63; sand muck 67; black shale 85. Dry hole. Natural gas.
Con XVI " 2	R.Powell	H.McDonald	Oct. 14, 1965							Topsoil 2; brown clay 20; blue clay 65; gravel sand 67; black shale 70. Dry hole.
Con XVI " 2	"	"	Oct. 16, 1965	4	4	18	12	Fresh	D	Topsoil 2; brown clay 20; blue clay 64; gravel 66; black shale 68. Water at 64.

KENT COUNTY - cont. Chatham Twp. - cont.											
Con XVI	lot 2	H. Van Ruymbeke	Mandley Drlg.	June 28, 1966	8	6	27	24	Fresh	D, S	Light grey clay 70; black shale 73. Water at 70.
Con XVI	" 3	K. Anderson	Wades'	Oct. 8, 1964	4	6	22	15	"	D	Yellow clay 8; quicksand 9; grey clay 65; hardpan 69; black shale 76. Water at 75.
Con XVI	" 6	R. Crowe	H. McDonald	May 20, 1965	4	10	22	17	"	D, S	Topsoil 2; brown clay 15; blue clay 68; gravel 71; black shale 72. Water at 68.
Con XVI	" 8	R. Leeson	Wades'	Apr. 13, 1966	4	8	27	18	"	D	Dark clay 2; yellow clay 10; grey clay 63; sand gravel 67; black shale. Water from 63 to 67.
Con XVII	" 6	N. VerHayden	H. McDonald	May 11, 1964	4	1	80	10	"	N	Topsoil 2; brown clay 12; blue clay 69; gravel 70; black shale 80.
Con XVII	" 6	"	"	May 16, 1964	4	2	40	10	"	D, S	Topsoil 2; brown clay 12; blue clay 70; black shale 72. Water at 70.
Con XVIII	" 2	North American Plastic	Mandley Drlg.	Nov. 2, 1966	10	50	45	18	"		Loam 10; clay 70; clay sand 75; sand 77; black shale 92. Water at 73. Not sufficient water.
Gore Con I	" 1	J. Newman	Wades'	Apr. 3, 1965	4	7	14	14	"	D	Clay 4; quicksand 7; grey clay 102; gravel hardpan 107. Water at 107.
Gore Con I	" 1	R. Hazlett	V. Conlon & Son	Apr. 20, 1965	2	4	18	12½	"	D	Topsoil 2; yellow sand 8; quicksand 10; blue clay 103; fine gravel sand 107. Water from 103 to 107.
Gore Con I	" 1	P. Murphy	"	Aug. 2, 1965	2	4	18	12½	"	D	Topsoil 2; yellow sand 9; quicksand 10; blue clay 103; fine gravel sand 106. Water from 103 to 106.
Gore Con I	" 5	J. Cram	Wades'	Oct. 19, 1964	4	2	21	15	"	D	Gravel fill 2; dark clay 8; quicksand 10; grey clay 94; sand 97; black shale 118. Water at 95.
Gore Con I	" 17	C. VerBerckmoes	V. Conlon	Nov. 2, 1964	4	3	25	17	"	D, S	Topsoil 2; fine sand 9; blue clay 73; sand hardpan 74; fine gravel.
Gore Con I	" 17	W. Watson	Wades'	June 30, 1965	4			16	"	N	Dark clay 3; sand 6; grey clay 70; hardpan 72; black shale 86. Water at 71.
Gore Con I	" 17	"	"	July 15, 1965	4	4	22	16	"	D	Dark clay 3; sand 6; grey clay 69; sand gas 72; black shale 84. Water at 72.
Gore Con I	" 17	"	"	Dec. 2, 1965	4	7	20	20	"	D	Clay 4; quicksand 6; grey clay 70; sand gravel 72; black shale 87. Water from 70 to 72.
Gore Con I	" 17	"	"	June 3, 1966	4	5	22	18	"	D	Dark clay 3; sand 6; grey clay 70; sand 73; black shale 78. Water from 70 to 73.
Gore Con I	" 22	R. Leeson	"	Dec. 8, 1966	4	2	35	21	"	D	Grey clay 66; gravel gas sand 69; black shale 75. Water at 69.
Gore Con I	" 28	A. O'Dell	D. Simpson	Nov. 6, 1964	4	6	30	26	Sulphur	D	Topsoil 2; sand 6; clay 56; gravel 61; black shale 66. Water at 56.
Gore Con I	" 29	J. Park	H. McDonald	May 17, 1964	4						Topsoil 2; brown clay 10; quicksand 12; blue clay 60; gravel 61; black shale 70. Dry hole.
Gore Con I	" 29	"	"	May 19, 1964	4						Topsoil 2; brown clay 8; quicksand 9; blue clay 60; black shale 70. Dry hole.
Gore Con I	" 29	"	"	May 21, 1964	4						Topsoil 2; brown clay 10; quicksand 11; blue clay 60; black shale 70. Dry hole.
Gore Con I	" 29	"	"	May 28, 1964	4						Topsoil 2; brown clay 12; blue clay 60; black shale 75. Dry hole.
Gore Con I	" 29	"	"	June 5, 1964	4						Topsoil 2; brown clay 10; quicksand 12; blue clay 60; black shale. Dry hole.
Gore Con II	" 7	O. Meredith	V. Conlon & Son	Aug. 8, 1965	2					N	Topsoil 4; blue clay 107; fine silty sand 109; fine sand 117. Water from 107 to 117. Silty.
Gore Con II	" 7	"	"	Aug. 11, 1965	2					N	Topsoil 4; blue clay 107; fine silty sand 109; fine sand 116. Water from 107 to 116. Silty.
Gore Con II	" 10	H. Rosseel	"	July 26, 1967	2	4	22	14	Fresh	D, S	Surface 3; yellow sand 10; blue clay 110; fine sand gravel 112. Water at 111.
Gore Con II	" 16	G. Morrow	H. McDonald	July 13, 1964	4						Topsoil 2; brown clay 22; blue clay 67; gravel 68; black shale 70. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Chatham Twp. - cont.										
Con II Gore lot 16	G.Morrow	H.McDonald	July 13, 1964	4						Topsoil 2; brown clay 22; blue clay 67; gravel 68; black shale 70. Dry hole.
Con II Gore " 16	"	"	July 17, 1964	4	5	21	19	Fresh	D	Topsoil 2; brown clay 20; blue clay 67; gravel 69; black shale 70. Water at 67.
Con II Gore " 16	J.Pataki	"	Aug. 17, 1964	4	1/2	85	25	"	N	Topsoil 2; brown clay 20; blue clay 70; gravel 75; black shale 85. Water from 70 to 75.
Con II Gore " 16	"	"	Aug. 27, 1964	4	3	64	25	"	D	Topsoil 2; brown clay 20; blue clay 70; gravel 75 to 84. Water at 75.
Con II Gore " 16	J.Polovcok	"	Mar. 14, 1967	4	5	40	20	"	D	Topsoil 2; brown clay 22; blue clay 77; gravel 78; black shale 79. Water at 77.
Con II Gore " 17	J.Crowe	"	Apr. 16, 1966	4	5	35	22	"	D	Topsoil 2; brown clay 22; blue clay 74; gravel 75; black shale 76. Water from 74 to 75.
Con II Gore " 17	J.Anderson	"	May 21, 1967	4	5	50	40	"	N	Topsoil 2; brown clay 12; quicksand 13; blue clay 75; gravel clay 76; black shale 78. Water at 75.
Con II Gore " 17	"	"	May 24, 1967	4	4	50	35	"	N	Topsoil 2; brown clay 15; blue clay 76; gravel clay 77; black shale 79. Water at 76.
Con II Gore " 17	"	"	May 26, 1967	4	5	60	35	"	N	Topsoil 2; brown clay 15; blue clay 75; gravel silt 77; black shale 78. Water at 75.
Con II Gore " 17	"	"	May 30, 1967	4	5	60	40	"	N	Topsoil 2; brown clay 15; blue clay 74; gravel silt 75; black shale 76. Water at 75.
Con II Gore " 17	"	"	June 3, 1967	4	4	65	40	"	N	Topsoil 2; brown clay 15; blue clay 74; gravel clay 75; black shale 78. Water at 75.
Con II Gore " 21	R.Weatherstone	"	May 12, 1965	4	4	67	12	"	D,S	Topsoil 2; brown clay 18; blue clay 71; gravel 72; black shale 77. Water at 71.
Con II Gore " 22	J.Mickle	"	June 10, 1964	4	5	15	10	"	D	Topsoil 2; brown clay 20; blue clay 67; gravel 68; black shale 70. Water at 67.
Con II Gore " 25	G.Meloche	"	Nov. 18, 1964	4	7	14	8	"	D	Topsoil 2; brown clay 20; blue clay 57; gravel 60; black shale 63. Water at 57.
Con II Gore " 27	Tupperville Equipment Ltd.	D.Wade	May 3, 1967	4	6	15	11	"	C	Fill 2; dark clay 4; yellow clay sand 10; grey clay 54; hardpan 56; black shale 70. Water at 56.
Con II Gore " 27	G.Weston	H.McDonald	May 23, 1967	4	4	22	20	"	D	Topsoil 2; brown clay 20; blue clay 54; gravel 56; black shale 58. Water at 54.
Con II Gore " 28	H.Shaw	R.Simpson	July 28, 1964	4	4	30	23	"	D	Dug well 15; blue clay 56 1/2; loose shale 57. Water at 56 1/2.
Con II Gore " 28	B.Ferry	Wades'	Dec. 8, 1965	4	2	17	11	"	D	Sand 5; quicksand 8; yellow clay 12; grey clay 50; hardpan 63; black shale 70. Water at 67.
Con III Gore " A	A.Vryburg	"	Sep. 18, 1967	4	7	20	13	"	D	Sand 8; grey clay 122; hardpan 126; black shale 128. Water at 127.
Con III Gore " 18	O.McCreary	H.McDonald	Aug. 12, 1965	4	5	15	12	"	D	Topsoil 2; brown clay 10; quicksand 12; blue clay 71; gravel 73; black shale 75. Water at 71.
Con III Gore " 20	L.Pettinger	Wades'	Apr. 16, 1966	4	8	24	13	"	D	Sand 4; quicksand 6; grey clay 64; hardpan 66; black shale 75. Water at 68.
Con III Gore " 20	G.McCreary	H.McDonald	Nov. 2, 1965	4	5	10	8	"	D	Topsoil 2; brown clay 16; blue clay 64; gravel 65; grey shale 67. Water at 65.
Con III Gore " 20	H.McDonald	"	Apr. 18, 1967	4	10	14	11	"	D	Topsoil 2; brown clay 20; blue clay 63; gravel 65; black shale 68. Water at 63.
Con III Gore " 22	H.Richmond	"	Aug. 14, 1964	4						Topsoil 3; brown clay 22; blue clay 70; gravel 72; black shale 75. Dry hole.

KENT COUNTY - cont.  
Chatham Twp. - cont.

Con III Gore	lot 22	H. Richmond	H. McDonald	Aug. 16, 1964	4	5	25	15	Fresh	D, S	Topsoil 2; brown clay 23; blue clay 70; gravel 72; black shale 75. Water at 72.
Con III Gore	" 22	"	"	June 24, 1965	4	4	18	12	"	D, S	Topsoil 2; brown clay 18; blue clay 69; gravel 71; black shale 74. Water at 69.
Con III Gore	" 22	"	"	Oct. 27, 1966	4						Topsoil 2; brown clay 20; blue clay 65; black shale 100. Dry hole.
Con III Gore	" 23	W. Brewer	"	Mar. 15, 1965	4	5	23	18	Fresh	D	Topsoil 2; brown clay 12; quicksand 14; blue clay 66; gravel 68; black shale 72. Water at 66.
Con III Gore	" 25	C. Lindsay	"	July 2, 1966	4	12	15	12	"	D, S	Topsoil 2; brown clay 18; blue clay 65; gravel 67; black shale 68. Water at 65.
Con III Gore	" 30	W. Craig	R. Simpson	May 8, 1966	4						Topsoil 3; yellow clay 7; blue clay 52; soft grey black shale 56. Dry hole.
Con III Gore	" 30	"	"	May 8, 1966	4	3	28	9	Fresh	D	Topsoil 3; yellow clay 7; blue clay 52; grey black shale 55. Water at 52.
Con III Gore	" 30	"	"	May 5, 1966	4						Topsoil 3; yellow clay 7; blue clay 52; grey black shale 55. Dry hole.
Con III Gore	" B	T. Lane	V. Conlon & Son	Feb. 28, 1964	3						Topsoil 2; blue clay 126; hardpan 134; silty sand gravel 135; fine silty black sand 142. Dry hole.
Con III Gore	" B	"	"	May 5, 1964	3	4	22	17	Fresh	D	Topsoil 2; blue clay 126; hardpan 130; fine gravel 132. Water at 130.
Con III Gore	" B	J. Benedict	"	Aug. 27, 1966	2	2	25	14	"	D	Light clay 6; quicksand 10; clay 131; fine sand fine gravel 134. Water at 133.
Con III Gore	" B	J. Murphy	"	July 4, 1967	3	3	20	10	"	D	Sand clay 5; quicksand 10; blue clay 131; fine sand gravel 132. Water at 132.
Con III Gore	" 4	W. Bart	"	Oct. 7, 1966	4	4	30	20	"	D, S	Surface soil 3; blue clay 119; fine sand gravel 121. Water at 121.
Con III Gore	" 10	J. Johnston	H. McDonald	May 7, 1965	4	4	10	8	"	D	Topsoil 2; brown clay 18; blue clay 78; gravel 80; black shale 83. Water at 78.
Con III Gore	" 13	L. Hagen	Wades'	Apr. 24, 1964	4	6	15	15	"	D	Yellow clay 6; grey clay 71; gravel sand 72. Water at 72.
Con III Gore	" 13	J. Bosso	V. Conlon	Sep. 8, 1967	4	3	20	17	"	D, S	Surface 3; brown clay 10; blue clay 59; fine sand gravel 61. Water at 61.
Con IV Gore	" 19	D. Crowe	C. & M. Johnston	July 10, 1965	10	5	30	17	"	D, S	Topsoil 1; clay 7; blue clay 21; blue clay stones 72; loose black shale gravel 73; black shale 74. Water from 72 to 73.
Con IV Gore	" 25	R. Crombie	H. McDonald	June 21, 1965	4	15	8	5	"	D, S	Topsoil 2; brown clay 18; blue clay 57; gravel 59; black shale 60. Water at 57.
Con IV Gore	" 27	F. Johnston	"	Oct. 1, 1964	4	5	11	8	"	D, S	Topsoil 2; brown clay 15; blue clay 56; gravel 57; black shale 58. Water at 56.
Dover Twp. BF	lot 2	M. Coggle	V. Conlon	June 20, 1967	2	3	25	14	Fresh	D	Black muck 4; quicksand 9; clay 88; fine sand gravel 90. Water at 89.
BRE	" 14	G. Parry	Hadco Well Digging Ltd.	Nov. 8, 1966	30	3	40	8	"	D, S	Topsoil 1; brown clay 4; brown sand 6; blue sand 11; blue clay 40. Water at 8.
BRE	" 15	M. Hind	D. Lecuyer	May 24, 1967	4	3	48	12	"	D	Clay 8; sand 10; soft clay 60; coarse sandy shale 63; fine sandy shale 65; black shale 66. Water at 65.
BRE	" 18	L. Montgomery	D. Simpson	Aug. 29, 1967	7	2	50	28	"	D, S	Topsoil 1; clay 11; quicksand 12; blue clay 57; gravel loose shale 58; black shale 60. Water at 57.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Dover Twp. - cont.										
BRE lot 41	R.Haviland	O.Lecuyer	June 15, 1965	4	60	50	20	Fresh	D	Red sand 15; soft clay 75; hardpan 78; sand 79. Water at 79.
BRW " 3	E.Vanouverbeke	D.Lecuyer	Oct. 20, 1967	4						Clay 12; sand 14; clay 62; gravel loose shale 64; hard black rock 70. Dry hole.
BRW " 3	"	"	Dec. 2, 1967	4	2 1/2	55	15	Fresh	D	Clay 13; sand 18; soft clay 62; sandy shale 63; black hard shale 64. Water at 63.
BRW " 17	J.King	R.Pinsonneault	Apr. 7, 1965	5	16	22	18 1/2	"	D, S	Topsoil 3; yellow clay 14; blue clay 60; clay pebbles 66; broken shale 67 1/2; shale 68. Water at 66.
BRW " 31	B.Hansor	O.Lecuyer	June 15, 1965	4	6 1/2	25	15	"	D	Red sand 10; soft clay 60; brown shale 62. Water at 62.
BRW " 36	D.Rose	H.McDonald	Sep. 11, 1965	4				"		Topsoil 2; brown clay 20; blue clay 74; grey shale 85. Dry hole.
BRW " 36	"	Hadoo Well Digging Ltd.	Oct. 25, 1965	30	1		55	"	D	Topsoil clay loam 2; blue clay 6; brown sand gravel 10; blue clay 66; grey black fine gravel 68. Water at 66.
BRW " 44	J.Windgalden	H.McDonald	Dec. 17, 1964	4	5	19	17	"	D	Topsoil 2; brown clay 20; blue clay 76; gravel 78; black shale 80. Water at 76.
BRW " 44	"	"	Apr. 13, 1965	4	5	12	8	"	D, S	Topsoil 2; brown clay 5; quicksand 7; blue clay 73; gravel 75; black shale 76. Water from 73 to 75.
ED Con I " 12	S.Wonnacott	M.Johnston	Sep. 29, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 60; fine sand 62; shale 65. Dry hole.
ED Con I " 12	"	"	Oct. 3, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 57; fine sand 59; shale 65. Dry hole.
ED Con I " 12	"	"	Oct. 6, 1967	4						Topsoil 2; clay 12; blue clay 45; sand clay stones 61; fine sand 62; shale 65. Dry hole.
ED Con I " 15	J.Peel	G.Rice	Mar. 12, 1964	4						Yellow sand 10; blue mud 55; sand mud mixed 63; black shale 66. Dry hole.
ED Con I " 15	"	"	Mar. 20, 1964	4						Yellow sand 10; blue mud 55; sand mud mixed 60; black shale 63. Dry hole.
ED Con I " 16	P.Goudreau	O.Lecuyer	July 15, 1967	4	3	35	15	Fresh	D	Red clay 12; soft blue clay 55; sand gravel 57. Water at 57.
ED Con I " 17	D.Springer	G.Rice	Apr. 11, 1964	4						Yellow sand 10; blue mud 57; sand mud mixed 64; black shale 68. Dry hole.
ED Con I " 17	C.Delrue	Hadoo Water Well	Feb. 9, 1965	5 1/2	1	40	9	Fresh	D	Soft clay 51; hard clay 58; coal 62; carbonated shale 65; black rock 80. Water from 62 to 65.
ED Con I " 17	"	"	Feb. 18, 1965	5 1/2	1	40	28	"	D	Soft clay 51; hard clay 58; carbonated shale 63; trace gravel 64. Water from 63 to 64.
ED Con I lot 17	C.Delrue	W.Marsh	Apr. 3, 1965	6 1/2	15	40	30	Fresh	D	Topsoil 1; silt clay 64; fine grey sand 65; black shale 77; grey shale 92. Water at 64.
ED Con I lot 18	A.Pemont	M.Johnston	Apr. 23, 1966	4						Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 58; fine sand gravel 63; shale 63 1/2. Casing pulled - fine sand. Dry hole.
ED Con I " 18	"	"	Apr. 29, 1966	4	3	50	25	Fresh	D	Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 60; gravel 63; shale 63 1/2. Water from 60 to 63.
ED Con I " 18	A.Harke	"	May 3, 1966	4	3	50	25	"	D	Yellow sandy clay 13; sand 15; blue clay 45; blue clay stones 62; gravel 63; shale 68. Water from 62 to 63.
ED Con I " 19	A.Mast	D.Lecuyer	July 24, 1967	4	4	40	24	"	D	Clay 7; sand 16; clay 20; sand 25; clay 55; gravel clay 64; sand 66; sandy black shale 67; black hard shale 68. Water at 68 and 72.
ED Con II " 3	H.Jubenville	C.&M.Johnston	Sep. 24, 1966	7						Clay 13; fine sand 17; clay 37; clay shale 42; clay 72; fine sand 96; soapstone 98. Dry hole.
ED Con II " 4	R.Peltier	"	Apr. 10, 1965	7	1	28	12	Fresh	N	Surface 1; clay 11; sand 14; clay 40; clay small stones 48; sand 66; gravel 69; top rock. Water from 66 to 69.
ED Con II " 4	"	"	Apr. 15, 1965	7						Surface 1; clay 12; sand 14; clay 45; clay small stone 53; clay 58; sand 71; gravel sand 73; top rock 77. Dry hole.

ED Con II	"	4	R.Peltier	C&M Johnston	Apr.21,1965	7					N	Surface 1;clay 11;sand 14;clay 40;clay small stones 48;sand 69;gravel top rock. Dry hole.
ED Con II	"	4	"	"	Apr.27,1965	7	2	25	12		N	Surface 1;clay 11;sand 14;clay 40;clay small stone 48;sand 67 $\frac{1}{2}$ ; gravel 69;toprock. Water from 67 $\frac{1}{2}$ to 69.
ED Con II	"	4	G.Bagnell	"	July10,1965	4	3	10	8	Fresh	D,S	Topsoil 1;clay 16;sand 22;clay 49;sand clay 58;clay 67;gravel 68;fine gravel sand .71. Water from 67 to 68.
ED Con II	"	4	R.Peltier	M.Johnston	Mar.12,1966	7						Topsoil 1;clay 11;sand 14;clay 40;clay small stones 48;sand 67;gravel 69;soapstone 70. Dry hole.
ED Con II	"	4	"	"	Mar.26,1966	7						Topsoil 1;clay 11;sand 14;clay 60;clay small stones 68 $\frac{1}{2}$ ;sand 69;gravel 78;soapstone;toprock. Dry hole.
ED Con II	"	4	"	"	Apr. 2,1966	7	3	17	8	Fresh	D,S	Topsoil 1;clay 11;sand 14;clay small stones 61;sand 64;gravel 66. Water from 64 to 66.
ED Con II	"	8	J.Mitcherson	Hadco Well Digging Ltd.	Nov. 7,1966	30	3	44	18		D	Topsoil 1;brown clay 9;blue grey clay 16;brown sand 18;blue clay 43;grvel 44. Water at 18 and 43.
ED Con II	"	12	B.Burke Farm	D.Simpson	Dec. 3,1964	4						Topsoil 2;clay 46;hardpan 60;gravel 62;black shale 65. Dry hole.
ED Con II	"	12	"	"	Dec. 4,1964	4	2	45	17		D	Topsoil 2;clay 41;hardpen 46;sand 48;hardpan 55;gravel 57; black shale. Water at 55.
ED Con II	"	20	C.Dale	M.Johnston	Aug. 3,1967	4						Topsoil 1;yellow sand 14;blue clay 30;blue clay stones 61;fine sand 64;gravel sand 65;shale 66. Dry hole.
ED Con II	"	20	"	"	Aug. 9,1967	4	2	33	18		N	Topsoil 1; yellow sand 14;blue clay 30;blue clay stones 58; fine sand 60;gravel 65. Water from 61 to 62.
ED Con II	"	20	"	"	Oct.20,1967	4	2	33	18		D	Topsoil 1;yellow sand 14;blue clay 30;blue clay stones 58; fine sand 60;fine sand gravel 62;gravel 63;shale 64. Water from 62 to 63.
ED Con II	"	21	E.Smith	"	Sep.21,1966	4	15	19	12		D,S	Sand 15;blue clay 37;blue clay stones 56;snd gravel 58; gravel 59. Water from 58 to 59.
ED Con III	"	1	V.Jubenville	C&M Johnston	Nov. 7,1964	7						Surface 1;clay 40;clay stone 67;sand 67;sand 80;mud gravel 86; soapstone 90. Dry hole.
ED Con III	"	1	"	"	Nov.14,1964	7						Surface 1;clay 36;clay stone 74;sand 79;soapstone 85. Dry hole.
ED Con III	"	2	"	"	Nov.23,1964	7	4	17	12	Salty	D,S	Surface 1;clay 40;clay stone 67;sand 80;mud gravel 86;gravel 89;soapstone 91. Water from 86 to 89.
ED Con III	"	5	I.Pelkey	"	Apr.11,1964	4	2	10	7	Fresh	D,S	Surface 1;clay 4;blue clay 10;sand 11;clay 50;sand 66 $\frac{1}{2}$ ; gravel 67;shale 70. Water from 66 $\frac{1}{2}$ to 67.
ED Con III	"	10	G.King	D.Lecuyer	Sep. 4,1967	4	5	40	16		C	Clay 7;sand 18;clay 50;hardpan clay pebbles 70;sand 74; gravel 75:black shale 77. Water at 75.
ED Con III	"	11	U.Bechar'd	M.Johnston	Sep. 6,1966	4						Topsoil 2;clay 17;blue clay 45;blue clay stones 69;heaving sand gravel 72;soft shale 82;black shale 87. Dry hole.
ED Con III	"	11	"	"	Sep.10,1966	4						Topsoil 2;clay 17;blue clay 45;blue clay stones 69;heaving sand gravel 72;soft shale 82;blkck shale 90. Dry hole.
ED Con III	"	12	J.Haslip	C&M Johnston	May 11,1964	4	2	35	18	Fresh	D	Surface 1;clay sand 20;clay 50;clay stone 59;sand 68;gravel 74;shale 77. Water from 74 to 77.
ED Con III	"	12	D.Pepper	"	Aug.24,1964	4	3	35	18		D	Surface 1;cly sand 20;clay 36;clay stone 67;sand 70;gravel 72. Water from 70 to 72.
ED Con III	"	12	Twp.of Dover	Hadco Well Digging & Drlg.	Nov.16,1964	7	10	77	20		P	Sandy clay 42; clay 50;sand 68;carbonated shale 75;black rock 85:green shale 87;black rock 90. Water from 75 to 85.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *			OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG-AND REMARKS * (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont.												
Dover Twp. - cont.												
ED	Con III	lot 13	W.Pinnsion- nesult	D.Simpson	Apr. 2,1965	4	5	18	16	Fresh	D	Topsoil 1;red clay 7;blue clay 54;hardpan 66;gravel 76;blue black shale 77. Water at 66.
ED	Con III	" 24	Shell Canada Ltd.	D.Lecuyer	Oct.14,1967	4	2½	50	13	"	C	Clay 10;sand 14;soft clay 61;clay pebbles 63;loose sandy shale 64;black soft shale 67. Water at 66.
ED	Con IV	" 3	B.Jubenville	M.Johnston	June 6,1967	4	5	12	8	"	D	Top soil 1;blue clay 25;sand blue clay stones 61;fine gravel 64;coarse gravel 65. Water from 61 to 65.
ED	Con IV	" 4	A.Ovellette	D.Simpson	May 31,1965	4	10	12	10	"	D	Topsoil 1;clay 50;sand 55;streaks sand clay 63;gravel 68; black shale 69. Water at 63.
ED	Con V	" 3	J.Pinsonneault	"	May 8, 1965	4	6	30	12	"	D	Topsoil 1;clay 49;streaks clay hardpan 65;gravel 67;grey shale 68. Water at 65.
ED	Con V	" 12	P.Pinsonneault	"	Dec.23,1964	7	8	20	17	"	In	Topsoil 1;clay 58;gravel 59;hardpan 65½. Water at 58.
ED	Con V	" 14	L.Laprise	R.Pinsonneault	Oct.20,1964	4	2	"	25	"	N	Topsoil 3;yellow clay 11;brown clay 64;black clay 66;sand gravel silt 67;shale 68. Abandoned due to silt,gas.
ED	Con V	" 18	G.Szucs	Hadco Well Digging Ltd.	Dec. 2,1964	30						Sandy clay 30. Dry hole.
ED	Con V	" 19	J.King	D.Lecuyer	Dec.11,1967	4	5	15	13	Fresh	D	Sand 18;clay 62;clay pebbles 64;heaving fine sand 67½;medium sand 69;sandy shale 70;black hard shale 71. Water at 70.
ED	Con V	" 20	N.Belanger	"	Nov.12,1964	4	7	17½	17½	"	D	Clay 12;sand clay 14;clay 64;clay boulders pebbles 69;sandy shale 71;black hard shale 71½. Water at 69 and 71½.
ED	Con V	" 20	J. Smith	"	Dec. 6,1967	4	4	10	9	"	D	Clay 3;sand 16;soft clay 60;clay pebbles 63;sandy shale 64; black hard shale 65. Water at 64.
ED	Con VI	" 1	H.Klinard	D.Simpson	Dec.29,1964	4	5	30	9	"	D,S	Topsoil 1;yellow sand 3;clay 10;quicksand 11;clay 50;hardpan 70;sand 74;sandy gravel 79;hardpan 82. Water at 70.
ED	Con VI	" 2	G.Klein	"	Jan. 9,1965	4	1½	45	9	Sulphur	D	Topsoil 1;yellow sand 5;clay 44;hardpan 72;gravel 73;grey limestone 74. Water at 72.
ED	Con VI	" 3	S.Czarnecki	"	Jan. 5,1965	4	1	40	8	Fresh	D	Topsoil 1;yellow sand 5;clay 55;hardpan 65;gravel 66;black shale 70. Water at 65.
ED	Con VI	" 6	H.Dutka	"	Jan.12,1965	4						Topsoil 1;clay 54;hardpan 61;black shale 65. Dry hole.
ED	Con VI	" 6	"	"	Jan.14,1965	4						Topsoil 1;clay 55;hardpan 60;black shale 68. Dry hole.
ED	Con VI	" 6	"	"	Jan.16,1965	4						Topsoil 1;clay 53;hardpan 62;black shale. Dry hole.
ED	Con VI	" 6	"	"	Jan.18,1965	4						Topsoil 1;clay 53;hardpan 63;black shale 68. Dry hole.
ED	Con VI	" 6	"	"	Jan.23,1965	4						Topsoil 1;clay 52;hardpan 63;black shale 72. Dry hole.
ED	Con VI	" 6	"	"	Feb. 2,1965	4						Topsoil 1;clay 54;hardpan 62;black shale 65. Dry hole.
ED	Con VI	" 6	"	"	Feb. 6,1965	4						Topsoil 1;clay 54;hardpan 61;black shale 62. Dry hole.
ED	Con VI	" 6	"	"	Sep. 9,1965	6½	3	60	12	Fresh	D	Topsoil 2;clay silt 54;sand gravel 63;black shale 64. Water at 55.
ED	Con VI	" 6	"	Hadco Well Digging Ltd.	May 26,1966	30	4	53	40	"	D	Topsoil 1;brown clay 7;blue clay 50;blue sand 51;blue clay 52; brown sand 53;rock. Water at 52.
ED	Con VI	" 8	O.Couture	C&M.Johnston	June 1,1964	4						Brick well 5;sand 19;blue clay 59;gravel 60;shale 65. Dry hole.
ED	Con VI	" 8	"	"	June 9,1964	4						Surface 1;sand 19;blue clay 59;gravel 60;shale 62. Dry hole.
ED	Con VI	" 8	"	R.Simpson	Sep.12,1964	4	2	45	14	Fresh	N	Topsoil 4;blue clay 60;black shale 61. Water at 60.
ED	Con VI	" 8	"	D.Simpson	Jan.28,1965	4	4	33	13	"	D,S	Topsoil 1;clay 55;hardpan 62;gravel 63;black shale 70. Water at 62.
ED	Con VI	" 9	"	C&M.Johnston	June16,1964	7	1	25	15	"	D,S	Surface 1;sand 15;blue clay 58;gravel 59;fine sand 61;shale 63. Water from 59 to 61.
ED	Con VI	" 12	O.Delrue	Hadco Well Digging & Drlg.	Jan.29,1965	5½	½	90	65	Oily	N	Clay 68;black rock 90;green rock 92. Water from 90 to 92.

ED	Con VI	lot	C.Delrue	W.Marsh	Mar.10,1965	6½	4½	80	11	Fresh	D,S	Loam 1;silty clay 62;clay stones 69:black shale 84. Water at 72.
ED	Con VI	" 12	O.Delrue	"	Mar.29,1965	4	7	35	15	"	D,S	Topsoil loam 1;clay silt 10;silt 64;hardpan gravel streaks 86; fine black sand 87;black shale 95. Water from 64 to 87.
ED	Con VI	" 17	J.Boyle	D.Lecuyer	July 7,1967	4	½	10	11	"	D	Clay 14;sand 17;clay 60;hardpan gravel sand 70;loose shale 72;brown shale 74. Water at 72.
ED	Con VI	" 19	P.Rylett	O.Lecuyer	Dec.24,1964							Red sand 10;soft blue clay 60;hardpan 65;soapstone 72. Dry hole.
ED	Con VI	" 19	"	"	Dec.28,1964	4	2½	25	12	Fresh	D,S	Red sand 10;soft blue clay 60;sand gravel 62. Water from 60 to 62.
ED	Con VII	" 3	A.Szymanski	R.Pinsonneault	July 27,1967						N	Sand 6;blue clay 63;silt fine sand 67;hardpan 75;soapstone. Water from 63 to 67.
ED	Con VII	" 3	"	"	Aug. 1,1967	4			6	Fresh	N	Sand 6;blue clay 63;silt fine sand 69;hardpan 75;soapstone 81. Water from 63 to 69.
ED	Con VII	" 3	"	"	Aug. 9,1967	4	4	20	6	Sulphur	D,S	Sand 4;blue clay 56;brown clay pebbles 66;sand 67. Water at 66.
ED	Con VII	" 8	V.Tetreault	O.Lecuyer	Apr.28,1964	4	1½	28	20	Fresh	D	Topsoil 3;blue clay 64;gravel 65. Water at 64.
ED	Con VII	" 8	C.Couture	"	Nov. 9,1964							Red sand 12;soft blue clay 60;hardpan 63;black shale 70. Dry hole.
ED	Con VII	" 9	J.L'Eouyer	"	Feb. 5,1964	4	1½	64	10	Fresh	P	Red sandy clay 10;soft blue clay 64;black shale 67. Water at 66.
ED	Con VII	" 16	R.Chapple	Hadoo Well Digging Ltd.	Aug.13,1964	30	6	29	8	"	D,S	Topsoil 1;brown clay 3;brown sand 8;blue sand 18;blue clay 30. Water at 9.
ED	Con VIII	" B	R.Warwick	M.Johnston	Sep.28,1966	5	1	55	14½	"	D	Clay 10;sand 15;blue clay stones 63;gravel 64;shale 65. Water from 63 to 64.
ED	Con VIII	" 2	H.Lucier	"	Aug.31,1967	4						Sand 5;blue clay 60;blue clay stones 65;gravel 66;soap 80; grey limestone 81. Dry hole.
ED	Con VIII	" 2	D.Lucier	"	Sep. 8,1967	4						Sand 5;blue clay 60;blue clay stones 65½;gravel 66;soapstone 80; grey limestone 81. Dry hole.
ED	Con VIII	" 2	"	"	Sep.13,1967	4						Sand 5;blue clay 60;blue clay stones 65;gravel 66;soapstone 80 grey limestone 81. Dry hole.
ED	Con VIII	" 2	"	"	Sep.16,1967	4						Sand 5;blue clay 60;blue clay stones 65;gravel 66;soapstone 72;grey limestone 75. Dry hole.
ED	Con VIII	" 2	"	"	Sep.20,1967	4						Sand 5;blue clay 60;blue clay stones 65;gravel 66;soapstone 72;grey limestone 75. Dry hole.
ED	Con VIII	" 3	F.Lucier	O.Lecuyer	Feb.11,1964	4	3	40	4	Sulphur	D,S	Soft dark clay 10;soft blue clay 64;gravel 64½. Water from 64 to 64½.
ED	Con VIII	" 3	"	"	May 1,1964	4	4	16	4	"	D,S	Top clay 3;soft blue clay 62;gravel. Water at 62.
ED	Con VIII	" 3	"	"	May 14,1964	4	4	18	4	Fresh	D	Top clay 4;soft blue clay 62;gravel. Water at 62.
ED	Con VIII	" 10	R.Lucier	C&M.Johnston	Apr.18,1964	4	2	11	7	"	D	Surface 3;sand 19;clay 60;clay gravel 63½;gravel 64;shale 65. Water from 63½ to 64.
ED	Con VIII	" 11	O.Louagie	O.Lecuyer	Mar.31,1966	4	1		10	"	D	Red sandy topsoil 10;soft blue clay 50;hardpan 58;gravel 59. Water at 58.
ED	Con VIII	" 12	G.Gagnon	"	Nov. 5,1964	4				"	N	Red sand 10;soft blue clay 60;soft black shale 75. Dry hole.
ED	Con VIII	" 12	"	R.Pinsonneault	Sep.20,1966	4	1		49	"	N	Topsoil 8;sand 12;blue clay 65;shale 69. Water at 65.
ED	Con VIII	" 12	R.Myers	M.Johnston	Sep.23,1966	4	20	15	14½	"	D	Clay 10;sand 15;blue clay 63½;gravel 65. Water from 63½ to 65.
ED	Con VIII	" 12	G.Gagnon	R.Pinsonneault	Sep.30,1966	4						Topsoil 8;sand 12;blue clay 65;shale 69. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont.										
Dover Twp. - cont.										
ED Con VIII lot 12	N.Benoit	R.Pinsonneault	Sep. 8, 1966							Topsoil 8;sand 12;blue clay 64;shale 69. Dry hole.
ED Con VIII " 12	"	"	Sep.12, 1966	4	3	22	16	Fresh	D	Topsoil 8;sand 12;blue clay 64;soft shale 71. Water at 71.
ED Con VIII " 12	O.Cartier	O.Lecuyer	Aug.15, 1965	4	4	20	12	"	D	Red sand 10;soft clay 58;gravel 60. Water at 58.
ED Con VIII " 16	B.Asher	R.Simpson	Sep.18, 1965	4	4	22	15	"	D,S	Topsoil 2;yellow clay 12;blue clay 63;loose shale gravel 64; black shale 65. Water at 63.
ED Con VIII " 16	"	"	Sep.20, 1965	4	4	22	15	"	D,S	Topsoil 2;yellow clay 12;blue clay 63;loose shale gravel 64; black shale 66. Water at 63.
ED Con IX " 6	L.Pinsonneault	R.Pinsonneault	May 7, 1967							Sand 8;blue clay 66;shale 68. Dry hole.
ED Con IX " 6	"	"	May 11, 1967	4	1	60	14	Fresh	N	Sand 8;blue clay 64;loose shale 66;shale 68. Water from 66 to 68.
ED Con IX " 6	"	"	May 15, 1967	4	2	23	14	"	D	Sand 8;blue clay 64;loose shale 66;shale. Water at 66.
ED Con IX " 7	S.Griffore	O.Lecuyer	Feb. 1, 1964	4	1 1/2	65	10	"	D	Red sand 10;blue clay 64;loose shale 66. Water at 65.
ED Con IX " 13	R.Miller	C&N Johnston	July 31, 1965	4	2	12	8	"	D	Sandy clay 8;clay 22;fine sand 48;clay 56;gravel 58. Water from 57 to 58.
ED Con X " 18	B. McPhail	O.Lecuyer	Apr.29, 1965	4	7 1/2	30	15	"	D	Red sand 15;soft blue clay 56;sand gravel 58. Water at 57.
ED Con X " 19	G.Cammaert	R.Pinsonneault	Oct.16, 1964							Topsoil 3;yellow clay 8;quicksand 12;brown clay 54;shale 75; limestone. Dry hole.
ED Con X " 20	R.Anderson	H.McDonald	Nov. 4, 1964	4	6	20	15	"	D	Topsoil 2;brown clay 15;blue clay 57;gravel 59;black shale 60. Water at 57.
ED Con X " 24	K.Henderson	D.Simpson	Aug. 8, 1966	4	5	34	18	"	D	Topsoil 1;clay 5;hardpan 12;blue clay 60;sand gravel 64 1/2. Water at 60.
ED Con X " 24	J.Henderson	"	Aug. 9, 1966	4	4	39	18	"	D	Topsoil 1;red clay 6;blue clay 59;gravel loose shale 61 1/2; black shale 63. Water at 59.
ED Con XI " 8	J.Profota	R.Simpson	Sep. 6, 1964	4						Topsoil 7;blue clay 61;black shale. Dry hole.
ED Con XI " 8	"	"	Sep. 8, 1964	4	4		18	Fresh	N	Topsoil 6;blue clay 62;black shale 68. Water at 62.
ED Con XI " 8	"	"	Sep.10, 1964	4	4	40	18	"	D	Topsoil 6;blue clay 62;black shale gravel 63. Water at 62.
ED Con XI " 8	E.Bechard	"	Sep.10, 1964	4	3	40	18	"	N	Topsoil 4;blue clay 61;black shale 62. Water at 61.
ED Con XI " 8	"	"	Sep.14, 1964	4	3	40	18	"	D	Topsoil 4;blue clay 61;black shale fine sand 62. Water at 61.
ED Con XI " 8	D.Laramie	"	Oct.15, 1964	4	3	45	18	"	D	Topsoil 5;blue clay 62;black shale 63. Water at 62.
ED Con XI " 8	R.Nowak	"	June 8, 1966	4	4	20	12	"	N	Topsoil 4;clay 14;fine sand 16;blue clay 62;muddy fine sand 63;grey limestone 65. Water from 14 to 16 and from 62 to 63.
ED Con XI " 8	"	"	June 11, 1966	4	4	18	12	"	N	Topsoil 4;blue clay 62;muddy fine sand 63;grey limestone 66. Water at 62.
ED Con XI " 8	"	"	June 15, 1966	4	5	20	12	"	D	Topsoil 4;blue clay 62;sand 63;grey limestone 64. Water from 62 to 63.
ED Con XI " 8	R.VanDermerg	Wades	July 8, 1965	7	4	22	15	"	D	Clay 4;sand 6;grey clay 64;grey sand 66;grey limestone 71. Water at 70.
ED Con XI " 8	R.Mailloux	O.Lecuyer	July 1, 1966	4	1 1/2	40	18	"	D	Black muck 5;sand 15;soft clay 63;sand gravel 64. Water at 63 and 64.
ED Con XI " 8	H.Dozon	"	July 3, 1966	4	2	40	18	"	D	Black muck 5;red clay sand 15;soft clay 60;hardpan 63;sand gravel 64. Water from 63 to 64.
ED Con XI " 24	B.Salenblen	"	July 1, 1967	4	3	30	12	"	D,S	Red sand 12;soft clay 55;hardpan 58;sand gravel 60. Water at 60.
ED Con XII " 10	G.Black	D.Simpson	May 7, 1964	4	4	40	6	Salty	D	Clay 67;sand gravel 68. Water at 67.
ED Con XII " 10	W.DeKoning	H.McDonald	Sep.10, 1964	4						Topsoil 2;brown clay 18;blue clay 66;black shale 75. Dry hole.
ED Con XII " 10	"	"	Sep.11, 1964	4						Topsoil 2;brown clay 20;blue clay 65;black shale 74. Dry hole.
ED Con XII " 10	"	"	Sep.15, 1964	4	5	18	12	Salty	D	Topsoil 2;brown clay 20;blue clay 64;gravel 66;black shale. Water at 64.

KENT COUNTY - cont.											
Dover Twp. - cont.											
ED	Con XII	Lot 12	Twp. of Dover	O. Lecuyer	Mar. 6, 1966	4					T Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	" 12	"	"	Mar. 8, 1966	4					T Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	" 12	"	"	Mar. 10, 1966	4					T Top black clay 1; hard white clay 18; soft blue clay 62; white rock. Dry hole.
ED	Con XII	" 12	"	"	June 1, 1966	4	12	20	9	Fresh	P Black muck 2; sand 5; hard clay 15; soft clay 63; gravel 64. Water at 63.
ED	Con XII	" 12	"	"	June 5, 1966	4	15	20	9	"	P Black muck 2; sand 5; hard clay 15; soft clay 62½; sand gravel 64. Water from 62 to 64.
ED	Con XII	" 12	"	"	June 15, 1966	4	20	14	9	"	P Black muck 2; sand 5; hard clay 15; soft clay 63; gravel 64. Water from 63 to 64.
ED	Con XII	" 13	R. Dunlop	"	June 19, 1966	4	8	21	16	"	S Black muck 1; fine red sand 6; hard blue clay 15; soft blue clay 63; coarse gravel 64. Water from 63 to 64.
ED	Con XV	" 14	H. Ford II	H. McDonald	July 29, 1965	4	20	12	7	"	P Topsoil 2; brown clay 15; blue clay 72; gravel 74; grey shale 75. Water at 72.
ED	Con XVII	" 43	W. Welch	Wade's	Mar. 2, 1967	4					Dark clay 2; yellow clay sand 5; sand 8; grey clay 73; hardpan 77; black shale 90. Dry hole.
ED	Con XVII	" 43	"	"	Mar. 4, 1967	4	1	84	15	Fresh	D Dark clay 2; yellow clay sand 4; sand 8; yellow clay 15; grey clay 73; hardpan 80; black shale 84. Water at 81.
WD	Con I	" 1	S. Bennett	C&M. Johnston	Apr. 25, 1964	7					Surface 1; sand clay 8; clay 38; clay stones 70; sand 78; clay 96; soapstone 99. Dry hole.
WD	Con I	" 1	"	"	May 2, 1964	7	5	13	10	"	D Surface 1; sand clay 8; clay 38; clay stone 70; sand 74; gravel 75; shale. Water from 74 to 75.
WD	Con III	" 7	B. Bradley	"	Mar. 30, 1965	7					Sand 5; gravel 6; sand 9; clay 12; sand 18; blue clay 86; gravel 86½; blue clay 90; gravel 90½; blue clay 105; soapstone. Dry hole.
Dresden, Town											
			J. Latimer	D. Simpson	May 22, 1964	4	4	41	29	Fresh	D Topsoil 2; clay 39; hardpan 67; gravel 72; black shale 73½. Water at 67.
			L. Lekavy	D. Wade	Aug. 1, 1964	4	1	75	23	"	D Sand 6; grey clay 44; hardpan 58; black shale 75. Water at 60.
			H. McKim	D. Simpson	Aug. 20, 1964	4	4	44	33	"	D Topsoil 2; red sand 8; clay 42; hardpan 69; loose shale gravel 73; black shale 79. Water at 69.
			Dresden Boat Club	R. Tyhurst	May 1, 1965	4	5	20	5	"	P Blue clay 15; hardpan 18; sand 23. Water at 18.
			H. Ellis	D. Simpson	Apr. 16, 1966	4	2	45	32	"	D Topsoil 2; clay 40; hardpan 56; loose shale gravel 61; black shale 63. Water from 56 to 61.
			L. Richardson	"	Oct. 12, 1966						Topsoil 2; clay 43; sand 47; hardpan 62; black shale 72. Dry hole.
Erieau, Village											
			R. Warwick	Hadoo Well Digging	May 1, 1964	30	2		4	Fresh	D Loam 1; sand gravel fill 3; sand 6; gravel 12; green clay 13; gravel 14. Water at 6.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *				OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
KENT COUNTY -cont. Harwich Twp.													
CRE	Con I	lot 2		B. Huffman	E. Rumble	June 5, 1965	4						Clay loam 4; sand 18; gritty grey clay 128; blue shale with streaks of black shale 185. Dry hole.
CRE	Con I	" 2		"	G. Galbraith	July 18, 1960	4	2	25	33	Fresh	D, S	Surface 3; grey clay 14; sand 16; grey clay 90; pink clay 118; soapstone 122; blue shale 127. Water from 122 to 127.
CRE	Con I	" 2		"	E. & J. Rumble	Jan. 15, 1966	4						Sandy clay loam 7; blue clay 119; sand 121; blue shale 140; black slate 160. Dry hole.
CRE	Con I	" 6		Blenheim Community Golf Club	W. Marsh	Apr. 20, 1966	6 1/2	12	110	60	Fresh	F	Loam gravel 7; clay stones 55; silt clay small stones 123; gravel clay silt 132; gravel coarse sand 141; black shale 143. Water from 125 to 140.
CRE	Con I	" 8		Mallory Products Ltd.	Mandley Drilg. Ltd	Feb. 3, 1967	10	20	120	100	"	C	Clay 20; sand 25; clay 145; black shale gravel 152; black shale limestone 183. Water from 151 to 152.
CRE	Con I	" 8		"	"	Jan. 12, 1967	8	1/2	120	100	"	C	Clay 20; sand 25; clay 146; black shale gravel 153. Water at 153.
CRE	Con I	" 8		"	"	Dec. 18, 1967	8	3		150	Sulphur	N	Clay sand gravel 20; clay 153; rock 169. Water at 167.
CRE	Con I	" 9		G. Meredith	W. Marsh	Aug. 9, 1967	5	6	90	29	Fresh	D	Red sand 10; clay silt 30; clay 40; hardpan 54; gravel 69; hardpan 89; gravel 100; black shale 101. Water from 50 to 69 and at 101.
CRE	Con I	" 17		H. Danforth	E. Rumble	Apr. 15, 1964	4	6	85	72	Fresh	D, S	Black loam 3; yellow clay 15; gritty grey clay 102; sand gravel 105; gravel clay hardpan 122; sand gravel 127; black slate 127 1/2. Water from 122 to 127.
CRE	Con II	" 9		Blenheim PUC	International Water Supply Ltd.	Feb. 1, 1967						T	Sandy clay 3; sand gravel 10; clay 98; soft clay sand shale 178; broken shale 182; hard shale 186. Dry hole.
CRW	Con I	" 2		A. VanDerPoole	E. & J. Rumble	July 15, 1965	4	5	140	75	Fresh	D, S	Sandy loam 20; fine grey sand 50; blue clay 130; blue shale 146. Water at 143.
CRW	Con I	" 5		R. Holmes	"	Dec. 10, 1965	4	1	130	65	"	D	Blue clay 116; sand gravel hardpan 131; black slate 150. Water at 131.
CRW	Con I	" 10		B. Shepherd & L. Goodwin	"	Oct. 17, 1964	4	6	155	142	"	D	Gravel 18; blue clay 183; gravel 193; slate. Water at 193.
CRW	Con I	" 24		F. Jackson	"	May 20, 1967	4	10	40	30	"	D	Loam 4; grey clay pebbles 8; brown sandy clay 12; grey clay 69; gravel clay 76; gravel 80; slate. Water at 80. Gas.
CRW	Con I	" 27		A. Houston	O. Lecuyer	Mar. 15, 1962	4	3	46	15	"	D	Hard clay 15; soft clay 35; hardpan 68; sand gravel 70. Water at 70.
CRW	Con II	" A		D. Jubenville	E. & J. Rumble	Aug. 20, 1965	4	1	119	13	"	D, S	Brown loam 11; blue clay 116; blue shale 120; grey limestone 137; black slate 151. Water at 119.
CRW	Con II	" 10		Erie Water Supply	Hadco Well Digging Ltd.	Apr. 28, 1964	27 1/2	2		18	"	D	Sand gravel 18; blue clay 30. Water at 18.
CRW	Con II	" 10		R. Mallory	E. & J. Rumble	Aug. 9, 1965	4	5	225	145	"	D	Gravel 18; blue clay 185; gravel clay mixed 195; blue shale 200; black slate 240. Water from 200 to 240.
CRW	Con II	" 10		PUC. Blenheim	International Water Supply Ltd.	Mar. 1, 1967						T	Gravel loam 2; sand 10; gravel sand 16; clay gravel 147; sandy clay coarse sand 191; hard shale 227. Dry hole.
CRW	Con II	" 13		R. Dorssers	E. & J. Rumble	Sep. 23, 1967	4	6	140	118	Fresh	5-67	Clay 135; gravel 144; slate 148. Water at 148.
CRW	Con III	" C		W. Szewczyk	E. Rumble	June 6, 1964	4	2	60	22	"	D	Yellow sand 10; grey clay stone 114; sand gravel 121; black shale 122. Water at 122.
CRW	Con III	" 9		J. Hebblethwaite	W. Marsh	Apr. 25, 1964	6 1/2	10	230	130	"	D, S	Gravel 21; clay stones 88; gravel 93; shale 235. Water at 93, 200 and 234.



KENT COUNTY - cont. Harwich Twp. - cont. Communication Road Survey cont.													
CRW	Con III	lot 10	Blenheim P.U.C.	International Water Supply Ltd.	June 23, 1967	12			182	Fresh	T	7-67	Dirty sand gravel 7; clay gravel 160; hard clay gravel 189; brown shale 228; brown shale streaks soapstone 248; soapstone 250. Water from 189 to 228.
CRW	Con III	" 20	J. Sparks	E. Rumble	Nov. 11, 1964	4	5	77	57	"	D		Black clay 3; grey gritty clay 123; black slate 126. Water at 126.
CRW	Con IV	" F	D. Fenick	R. Pinsonneault	Nov. 21, 1964	4	1	80	14	"	D		Black muck 7; brown clay 115; hardpan 122; sand 122½; soapstone. Water at 122.
CRW	Con IV	" 2	L. Sackett	"	Sep. 5, 1965	4	4	70	40	"	D		Topsoil 2; brown clay 100; brown clay pebbles 104; sand 106; hardpan 108; black sand 110; black shale 112. Water from 108 to 112.
CRW	Con IV	" 9	R. Eastman	W. Marsh & Sons	Apr. 15, 1964	6½	12	150	110	"	D		Gravel 22; clay stones 178; gravel stones sand 192; black shale 207. Water at 197.
CRW	Con IV	" 20	L. Smithe	E. Rumble	Sep. 3, 1964	3	3	80	68	"	D		Grey clay 81; gravel 84; blue clay 116; black hardpan 132. Water at 132.
CRW	Con IV	" 22	R. Mifflin	C.&M. Johnston	Dec. 3, 1965	4	3	75	60	"	D		Topsoil 1; sandy clay 7; blue clay stones 128; loose shale 129; shale 130. Water from 128 to 129.
CRW WGL	Con IV	" 2	R. Cheney	E.&J. Rumble	Oct. 18, 1967	4	10	60	32	"	D		Clay 103; gravel 109; slate 112. Water from 110 to 112.
CRW WGL	Con IV	" 6	R. Warwick	Hadco Well Digging Ltd.	May 1, 1964	30	1		9	"	D		Topsoil 1; brown clay 4; brown sand 9; blue sand 12; blue clay 18; blue sand 25. Water at 9 and 18.
CRW WGL	Con IV	" 9	A. Aldred	"	July 22, 1964	30	10	45	30	"	D		Topsoil 1; brown sandy clay 4; sand gravel 39; blue clay 45. Water at 30.
Lake Erie Survey													
LES	Con BF	" 22	J. Shuster	S. Earl	Sep. 26, 1964	4½							Clay 109; blue black shale 144. Dry hole.
LES	Con BF	" 22	J. Shuster	"	Oct. 1, 1964	4½	12	42	13	"	P		Clay 110; blue shale 115; black shale 164. Water from 153 to 154.
LES	Con II	" 22	M. Campbell	E.&J. Rumble	Mar. 17, 1967	4	2½	130	48	"	D		Sand loam 8; grey clay 108; gravel 109; grey clay 140; sand 141; black slate 175. Water at 141.
LES	Con III	" 15	M. Rigby	Mandley Drlg.	Aug. 18, 1966	10	5	163	70	"	N		Loam 10; quicksand 25; grey clay 135; fine gravel 136½; black shale 163; soapstone. Water from 135 to 136½.
LES	Con III	" 15	M. Rigby	"	Aug. 29, 1966	10	120	71	50	"	D,S		Loam 6; quicksand 18; grey clay 128; fine gravel 131; coarse gravel 135; very coarse gravel 146; black shale 151. Water from 128 to 146.
LES	Con III	" 18	Golden Acres Rest Home	C. Warren	Dec. 9, 1965	5	3	120	60	"	D		Loam 7; muddy sand 16; clay 124; blue shale 145. Water at 145.
LES	Con IV	" 7	W. Townsend	W. Marsh	Dec. 14, 1964	5	8	120	70	"	D,S		Sandy loam 2; clay 7; silt 10; clay stones 80; silt clay 124; clay stones 132; gravelly hardpan 133; black shale 139. Water at 136.
LES	Con IV	" 14	J. Izumi	O. Lecuyer	July 5, 1964	4	4	60	43	"	D		Hard clay 20; soft blue clay 133; gravel 135. Water at 133.
LES	Con IV	" 14	Blenheim P.U.C.	International Water Supply Ltd.	Feb. 8, 1967					"			Topsoil 3; fine gravel sand 9; clay shale 175; broken shale 181; hard shale 196. Dry hole.
LES	Con V	" 15	R. Drewery	R.&B. English	Sept. 4, 1967	4	4	110	120	"	D		Loam 3; sand 8; soft blue clay 128; black sand 129; blue clay 152; gravel 160; soft blue clay stones 180; sand 182; fine gravel 190; coarse gravel 191. Water at 191.
LES	Con V	" 16	Blenheim P.U.C.	International Water Supply Ltd.	Feb. 10, 1967					"			Topsoil 2; stiff sticky clay 37; clay shale 81; clay 133; shale 163. Dry hole.
LES	Con VI	" 15	Maple Leaf Mink Ranch	Hadco Well Digging Ltd.	Feb. 27, 1964	30	5			"	S		Topsoil 1; brown clay 4; gravel 13; blue clay 26. Water at 6.
LES	Con VII	" 13	Brethwaite Mink Ranch	E. Rumble	June 30, 1964	4	9	130	114	"	S		Black clay 5; grey clay 178; gravel 180; grey clay 182; black slate rock 185. Water at 185.
LES	Con VII	" 13	A. Pollowick	Mandley Drlg.	June 20, 1967	7	20	100	80	"	D		Clay 165; sand gravel 170; black shale 178. Water from 170 to 173.
LES	Con VII	" 13	A. Pollowick	"	July 20, 1966	7	20	100	100	"	D		Light grey clay 162; coarse gravel 163; black shale 165. W Water from 162 to 163.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwich Twp. -cont. Lake Erie Survey cont. LES Con IX lot 14	P. Kuluka	E. Rumble	June 7, 1965	4	1½	90	46	Fresh	D	Black clay loam 5; grey gritty clay 82; clay gravel hardpan 96; sand 118; black slate 119. Water at 118.
LES Con XIII " 16	L. Durfy	O. Lecuyer	Aug. 25, 1964	4	200	23	18	"	D, S	Topsoil 2; blue clay 74; gravel 74½; black shale 80. Water at 74½.
Rondeau Provincial Park										
RPP	Ont. Lands & Forests	W. Hernandez	Aug. 27, 1967	3	43	25	5	"	P	Sand 31; very fine sand 36. Water at 31.
RPP	"	"	Aug. 29, 1967	2	38	23	7	"	P	Fill 7; sand 24; clay. Water at 24.
RPP	"	"	Aug. 29, 1967	3	45	20	8	"	P	Open well 7; sand 23; clay. Water at 23.
RPP	"	"	Aug. 29, 1967	3	40	25	8	"	P	Dug well 8; sand 27; clay. Water at 27.
Shrewsbury Townsite										
	E. Hill	E. Rumble	May 15, 1964	5	6	65	10	Salt.	D	Black muck 10; grey gritty clay 110; gravel clay hardpan 118; black slate blue shale 122. Water from 120 to 122.
	R. Stranough	"	July 1, 1964	4	8	44	34	"	D	Black loam 3; grey clay 105; brown slate 112. Water at 110.
	Q. Reed	"	Aug. 1, 1964	4	2	62	32	"	D	Black loam 3; grey clay 101; black hardpan 107; black blue shale 109. Water at 108.
	A. Edwards	"	Sep. 26, 1964	4	½	130	15	"	D	Brown clay 15; blue clay 101; blue shale slate 130. Water at 130.
	M. Thomas	G. Galbraith	Nov. 7, 1964	4						Surface 5; yellow clay 20; pink clay 110; hardpan gravel 112; soft soapstone 115; blue soap stone 123. Gas. Dry hole.
	A. Bowman	"	Nov. 14, 1964	4	4	45	34	Salty	D	Surface 3; yellow clay 15; blue clay 50; pink clay 98; black shale hardpan 106; slate. Water at 106.
	R. Williams	"	Nov. 18, 1964	4	6	45	34	"	D	Surface 3; yellow clay 12; blue clay 35; pink clay 103; hardpan 107; black gravel 109. Water at 107.
	L. Miller	"	Nov. 27, 1964	4	1½	108	28	Fresh	D	Surface 4; yellow clay 15; blue clay 40; pink clay 107; hardpan 108; brown shale 113½. Water at 108.
	E. Williams	"	Jan. 4, 1965	4	7	45	34	Salt	D	Surface 3; yellow clay 17; blue clay 45; pink clay 100; black hardpan 107; shale soapstone 107½.
	L. Harrison	"	Jan. 9, 1965	4	8	60	28	"	P	Yellow clay 15; blue clay 60; pink clay pebbles 104; hardpan 107; black slate 108. Water at 108.
	N. Beatty	"	May 29, 1965	4	4		32	"	D	Surface 2; yellow clay 15; blue clay 45; pink clay 95; gas pebbles black hardpan 105; black top rock 106. Water at 105 and 106.
	C. Holmes	"	June 11, 1965	4	4	45	35	"	D	Surface 4; yellow clay 12; blue clay 40; pink clay pebbles 103½; hardpan 108; top rock 109. Water at 108.
	C. Holmes	G. Galbraith	June 11, 1965	4	4	45	35	Salty	D	Surface 4; yellow clay 12; blue clay 40; pink clay pebbles 103½; hardpan 108; top rock 109. Water at 108.
	W. Dorsey	"	June 19, 1965	4	3	88	38	"	D	Surface yellow clay 15; blue clay 50; pink clay 103; hardpan 106; top rock 108. Water at 107.
	R. Watford	"	July 7, 1965	4	8½	45	34	"	D	Yellow clay 15; blue clay 40; pink clay 65; grey clay pebbles 99; hardpan gas 103; hardpan 104; black hardpan 107; top rock 111. Water at 103 and 111.
	Cambell-Alford	"	June 18, 1966	4	3	60	25	"	D	Surface 3; yellow clay 12; pink clay 111; hardpan blue clay 118½; hardpan 122; soft soapstone 123; blue shale 125. Water from 123 to 125.
	M. Cooper	E. & J. Rumble	Sep. 2, 1965	4	4	38	28	Fresh	D	Black loam 11; blue clay 109; sand 110; black slate 114. Water at 114.
	J. Marnado	G. Galbraith	May 22, 1967	4	7	40	34	Salty	D	Surface 3; yellow clay 12; blue clay 60; pink clay 100; hardpan 100; top rock 107. Water from 106 to 107.
	T. Hudson	E. & J. Rumble	Oct. 1, 1966	4	5	90	39	Fresh	D	Sand loam 8; grey clay 102; gravel 112; soapstone 113; slate 118. Water from 117 to 118.
	G. Richardson	"	Sep. 23, 1966	4	1½	85	39	"	D	Loam sand 10; grey clay 101; sand gravel 108; black slate 110. Water from 109 to 110.
	M. Beverly	"	Oct. 6, 1966	4	3	56	39	"	D	Sand loam 10; grey clay 100; sand gravel 110; black slate 111 to 112.

KENT COUNTY - cont.  
 Barwich Township - cont.  
 Shrewsbury Townsite

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NT COUNTY - cont. arwich Township - cont. Shrewsbury Townsite											
	C.Burley	"	Sep.16,1966	4	3	75	32	"	D	Grey sand muck 9;grey clay 103;gravel 104;black slate 109. Water at 109.	
	H.Lewis	"	Apr.22,1967	4	3	65	29	"	D	Black loam muck 8;grey clay 102;sand gravel 110;black slate. Water at 110.	
	E.Tisdale	G.Galbraith	July25,1966	4					N	Surface 2;yellow clay 15;pink clay 106;hardpan 119;soapstone 136;brown shale 140. Gas.	
	"	"	Aug. 2,1966	4					N	Surface 2;yellow clay 10;blue clay 40;pink clay 90;grey clay stones 106;hardpan 118;soapstone shale 135;blue shale 138; brown shale 145. Gas.	
	H.Brown	E.& J.Rumble	June12,1967	4	2	110	30	Fresh	D	Loam 7;clay 113;sand gravel 115;clay gravel hardpan 118;soapstone 119;slate 121. Water at 121.	
	R.Tuemue	"	June20,1967	4	2	95	36	"	D	Loam 7;clay 98;gravel 102;slate 104. Water at 104.	
	M.Henderson	G.Galbraith	Dec.19,1967	4	4	53	40	Salty	D	Yellow clay 12;blue clay 45;pink clay 103;black hardpan 106; top rock 110. Water at 106 and 110.	
	R.Hills	"	May 2,1966	4	10	100	90	Fresh	D,S	Surface 4;yellow clay 15;blue clay 113;layers sand gravel 142; gravel sand 166;sand pebbles 170;fine gravel 174. Water from 113 to 142 and from 170 to 174.	
	H.Woote	"	May 23,1966	4	10	110	97½	"	D	Surface 4;yellow clay 12;blue clay 110;slushy clay 120;sand 131;sand gravel 140;coarse gravel clay balls 144;sand gravel 150;sand pebbles 155;clean sand 160;fine gravel 166. Water from 160 to 166.	
Thames River Survey											
TRS Con I	" 6	B.Gold	M.Johnston	June 8,1966	7					Sandy clay 15;blue clay 30;blue clay stones 50;fine sand 60; blue clay 62;fine sand 66;cemented gravel 71;shale 85. Dry hole.	
TRS Con I	" 18	J.Keil	R.Pinsonneault	May 26,1964	4		18	Fresh	N	Topsoil sandy 14;brown clay pebbles 72;black shale 79. Water at 72.	
TRS Con I	" 18	"	"	May29, 1964	4	3	38	"	D	Top sandy clay 14;brown clay small stones 72;black shale 87. Water from 72 to 75.	
TRS Con I	" 18	"	Hadco Water Well Drilling Ltd.	Aug. 6,1964	4					Clay 5;sand 18;sandy clay 30;clay 59;carbonated shale 63; black rock 130;gravel 133;black rock 140. Dry hole.	
TRS Con II	" 13	P.Noordermeer	D.Simpson	Apr.14,1964	4	5	33	Fresh	D	Topsoil 1;red sand 5;clay 23;hardpan 37;sand gravel 39;hardpan 61;gravel 64. Water at 61.	
TRS Con II	" 6	D.Hildebrand	D.Lecuyer	Feb.28,1964	4					Clay 15;sand 17;soft clay 37;clay pebbles 60;sand clay 69; medium gravel 72;black shale 81. Dry hole.	
TRS Con II	" 6	"	"	Mar.26,1964	4		14	Fresh	N	Clay 14;sand 15;soft clay 38;clay pebbles 64;sand clay 70; sand clay gravel 73;greenish blue shale 75;black shale 80. Water at 74.	
TRS Con II	" 6	H.Molema	D.Simpson	Oct.15,1964	4	1½	52	21	"	D	Topsoil 2;sand 8;clay 38;hardpan 48;clay 57;streaks sand hardpan 69;sand gravel 71;black shale 73. Water at 69.
TRS Con II	" 6	K.Cambell	M.Johnston	May 14,1966	7					Sandy clay 5;blue clay 36;blue clay stones 38;gravel fine sand 42;blue clay 65;fine sand 67;gravel 68;cemented gravel 73; shale 80. Dry hole.	
TRS Con II	" 6	"	"	May 21,1966	7	5	20	13	Fresh	D	Sandy clay 5;blue clay 36;blue clay stones 40;gravel 44;blue clay 60;fine sand 67;gravel 68;cemented gravel 73;shale 80. Water from 40 to 44.
TRS Con II	" 6	B.Gold	"	May28, 1966	7					Sandy clay 15;blue clay 30;blue clay stones 50;fine sand 60; blue clay 62;fine sand 66;cemented gravel 71;shale 85. Dry hole. Casing pulled.	

**APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967**

LOCATION *				OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwich Twp. - cont. Thames River Survey -				cont.									
TRS	Con II	lot 6		B.Gold	M.Johnston	June 3, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 62; fine sand 66; cemented gravel 71; shale 85. Dry hole.
TRS	Con II	" 6		"	"	June 17, 1966	7						Sandy clay 10; sand 25; clay 40; sand 51; blue clay stones 56; fine sand cemented gravel 59; shale 75. Dry hole.
TRS	Con II	" 6		"	"	June 29, 1966	7						Sandy clay 15; blue clay 30; blue clay stones 50; fine sand 60; blue clay 62; fine sand 66; gravel 68; shale 69; black shale 80. Dry hole.
TRS	Con II	" 6		E.Bown	D.Simpson	June 1, 1967	7	3 1/2	50	24	Fresh	D	Topsoil 1; red sand 4; clay 44; hardpan 66; sand 70; black shale. Water from 66 to 70.
TRS	Con II	" 6		B.Bedford	D.Lecuyer	Apr. 20, 1964	4						Clay 14; sand clay gravel 16; clay pebbles 79; soapstone clay 82. Dry hole.
TRS	Con II	" 9		"	"	Apr. 25, 1964	4	60	50	25	Fresh	D	Clay 18; sand gravel 22; clay pebbles 61; clay sand gravel 63; sand gravel 65; clay sand gravel 67. Water at 64.
TRS	Con II	" 13		F.Primeau	"	Feb. 6, 1964	4	1 1/2	55	22	"	D	Clay 14; sand 18; clay pebbles 58; sand gravel 62; gravel 64; gravel sandy shale 64 1/2. Water at 64 1/2.
TRS	Con II	" 13		J.Romer	R.Pinsonneault	Aug. 1, 1964	4	2	36	28	"	D	Topsoil 2; brown clay 45; fine sand 62. Water at 45.
TRS	Con II	" 13		D.McCrae	"	Apr. 16, 1966	4	3 1/2	35	27	"	D	Topsoil 3; blue clay 35; brown clay pebbles 48; coarse sand 56. Water from 48 to 56.
TRS	Con II	" 14		H.Smyth	D.Simpson	Aug. 27, 1965	6	3	32	21	"	D	Sand 20; clay 37; hardpan 60; gravel 61. Water at 60.
TRS	Con II	" 15		G.Bedford	D.Lecuyer	Jan. 11, 1964	4						Clay 8; sand 18; clay 42; clay pebbles 56; gravel clay 67; gravel 70; black clayish shale 76. Dry hole.
206 TRS	Con II	" 15		"	"	Feb. 3, 1964	4	4	22	22	Fresh	D	Clay 5; sand 15; clay 17; sand 19; clay 40; clay pebbles 50; clay sand pebbled 58; sand gravel 64; gravel hardpan 71. Water at 61.
TRS	Con II	" 19		A.Filby	D.Simpson	Oct. 29, 1966	4	3	23	12	"	D, S	Topsoil 2; clay 12; hardpan 20; clay 41; sand gravel 45. Water at 41.
TRS	Con III	" 6		H.Cady	D.Lecuyer	Feb. 15, 1964	4	1	55	14	"	D	Clay 12; sand 13; clay pebbles 59; fine sand 60; medium sand 63 1/2; clayish sand 64. Water at 63.
TRS	Con III	" 6		J.Leatherdale	D.Simpson	Apr. 17, 1964	4	6	33	18	"	D	Topsoil 1; clay 32; hardpan 62; sand gravel 68; black shale 71. Water at 62.
TRS	Con III	" 6		L.Bosterlick	"	Apr. 18, 1964	4	2	45	18	"	D	Topsoil 1; red sand 4; clay 24; hardpan 58; sand 60; sand gravel 64; blue black shale 65. Water at 61.
TRS	Con III	" 6		W.McCoig	R.Pinsonneault	July 12, 1964	4					N	Topsoil 4; sand 7; grey clay 58; fine sandy clay 70; black shale 75.
TRS	Con III	" 6		"	"	July 13, 1964						N	Topsoil 4; quicksand 7; brown clay pebbles 58; quicksand 64; brown clay pebbles 68; black shale 90. Water from 58 to 64.
TRS	Con III	" 6		"	"	July 14, 1964	4					N	Topsoil 4; sand 7; gritty brown clay 58; fine sand 64; black shale 76. Abandoned due to fine sand.
TRS	Con III	" 6		"	"	July 16, 1964						N	Topsoil 4; quicksand 7; brown clay pebbles 60; quicksand 63; brown clay pebbles 70; black shale 75. Water from 60 to 63.
TRS	Con III	" 6		"	Hadco Well Digging Ltd.	Aug. 14, 1964	30	4	29	10	Fresh	D	Topsoil 1; brown sandy clay 5; brown sand 7; blue clay 18; gravel sand 29; clay stones 30. Water at 18.
TRS	Con III	" 6		R.Jackson	D.Simpson	Mar. 11, 1965	4	2 1/2	45	21	"	D	Topsoil 1; red sand 5; clay 28; hardpan 42; sand 45; hardpan 63; sand gravel 66; hardpan 68. Water from 63 to 66.
TRS	Con III	" 6		J.Williams	"	Mar. 29, 1965						N	Topsoil 2; clay 21; packed sand 40; hardpan 60; sand 63; clay 70; sand 71; blue black shale. Water at 60.
TRS	Con III	" 6		"	"	Mar. 31, 1965	4	3	35	22	Fresh	D	Topsoil 2; clay 5; quicksand 6; clay 20; sand 40; hardpan 59; sandy gravel 63; hardpan. Water at 59.

\* See end of Appendix C for the meanings of abbreviations and symbols

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Barwich Twp. - cont. Thames River Survey - cont.										
TRS Con III " 17	D.Bechard	Hedco Well Digging Ltd. R.Simpson	Mar.23,1967	30	10	34	14	"	D	Topsoil 1;brown clay 14;blue clay 33;black pepper sand 35. Water at 33.
TRS Con III " 18	H.White	R.Simpson	Oct. 6,1966	4	4	25	17	"	D	Topsoil 2;yellow clay 10;blue clay 64;loose black shale 65; black shale 66. Water at 64.
TRS Con III " 22	I.Jones	R.Pinsonneault	Mar.12,1964	4	8	40	20	"	D,S	Topsoil 3;yellow clay 8;blue clay 25;brown clay pebbles 36; hardpan sand gravel 54;gravel sand 68;shale 70. Water at 68.
TRS Con IV lot 6	H.Hofstede	D.Simpson	Apr. 5,1966	4	2	43	15	Fresh	D	Topsoil 1;clay 8;quicksand 9;clay 20;hardpan 65;loose shale gravel 67;blue black shale 70. Water from 65 to 67.
TRS Con IV " 14	W.Gilhuis	F.Couture	June18,1964	4	1/2	18	12	"	D	Topsoil 4;blue clay 26;gravel 27;blue clay 47;hardpan 52;grey clay 62;black shale 67. Water at 67.
TRS Con V " 8	B.Verhoog	D.Simpson	Aug.23,1966	4	15	13	12 1/2	"	D,S	Topsoil 1;clay 19;hardpan 39;gravel 45;hardpan. Water from 39 to 45.
TRS Con V " 14	N.Roesch	"	Aug.24,1966	4	5	17	13	"	D,S	Topsoil 1;clay 20;hardpan 36;sand gravel 53;hardpan. Water at 53.
TRS Con V " 16	R.Martens	"	Oct. 2,1967	4	2 1/2	33	12	"	N	Topsoil 1;clay 4;sand 10;clay 40;hardpan 46;clay 56;sand gravel 57;hardpan. Water from 56 to 57.
TRS Con V " 17	T.Jordon	O.Lecuyer	Aug.20,1964	4	5	19	12	"	D,S	Topsoil 4;blue clay 60;dirty gravel 61;blue clay 72;gravel 75. Water at 72.
TRS Con VI " 7	St.Paul's United Church H.Sloan	"	Mar.12,1965	4	1 1/2	40	20	"	P	Red clay 15;soft clay 32;hard clay 64;hardpan 68;sand gravel. Water at 67.
TRS Con VI " 12	R.Stennett	D.Simpson	May 10,1967	4	2	43	10	"	D	Topsoil 1;yellow sand 5;clay 20;hardpan 45;clay 59;sand gravel 61;hardpan. Water from 59 to 61.
TRS Con VI " 17	R.Stennett	"	June16,1966	4	5	21	10	"	D	Topsoil 1;clay 25;hardpan 48;silt sand 60;sand gravel 64;hardpan. Water at 60.
TRS WB Con I " 5	A.Croucher	C. & M.Johnston	May 25,1965	4						Sand 6;blue clay 38;blue clay stones 56;sand 66;soft shale 70; shale. Dry hole.
TRS WB Con I " 5	"	"	May 27,1965	4					N	Sand 10;blue clay 42;blue clay stones 60;sand 69;soft shale 73;shale 75. Dry hole.
TRS WB Con II " 3	G.Prins	D.Simpson	Mar.25,1964	4	6	32	25	Fresh	D	Topsoil 2;clay 22;hardpan 48;fine sand 60;gravel 68; hardpan; Water at 48.
TRS WB Con II " 4	T.VanderLinden	"	Aug.24,1964	4	6	26	26	"	D	Topsoil 1;clay 29;hardpan 55;streaks sand clay gravel 66; gravel 72;black shale 74. Water at 66.
TRS WB Con II " 4	VanMinnen Const	O. Lecuyer	Dec. 1,1966	4	200	40	20	"	D	Hard clay red sand 20;soft clay 35; hardpan 55;gravel 57; hard clay 65. Water at 57.
TRS WB Con II " 4	C.Hemers	D.Lecuyer	Mar.22,1967	4	2 1/2	50	26	"	D	Sandy clay 8;sand 12;clay pebbles 45;sand gravel 60;gravel clay 62. Water at 60.
TRS WB Con II " 5	A.McInroy	D.Simpson	Sep. 4,1964	4	1 1/2	50	13	"	D	Topsoil 1;clay 14;hardpan 58;sand gravel 59;loose black grey shale 61;grey black shale 67. Water at 58.
TRS WB Con III " 4	P.Wasilewski	E.Bumble	June20,1965	4	1 1/2	70	14	"	D	Clay loam 3;sand 13;grey gritty clay 70;sand gravel 72;black shale 84. Water at 72.
TRS WB Con IV " 1	E.Martin	D.Simpson	Apr.29,1964							Topsoil 1;red sand 5;clay 30;hardpan 36;clay 75;sandy hardpan black shale 78. Dry hole.
TRS WB Con IV " 1	"	"	May 5, 1964							Topsoil 1;red sand 6;clay 68;gravel 70. Water at 68.
TRS WB Con IV " 1	"	"	Sep. 9,1964	4	15	31	30	Fresh	D	Topsoil 2;clay 70;gravel 73;black shale 75. Water at 70.
TRS WB Con IV " 1	"	"	Oct.27,1964	4	5	34	32	"	D	Topsoil 1;clay 50;hardpan 56;soft clay 70;gravel 72;black shale 75. Water at 70.
TRS WB Con IV " 1	Ontario Hydro	B.Simpson	July 3,1965		2	55	30	"		Topsoil 1;sand 6; clay 19;hardpan 30;clay 67;sand gravel silt 67;hardpan 70;black shale 79. Water at 67.
TRS WB Con IV " 3	B.Babkirk	J.&E.Bumble	May 5,1967	4						Sandy loam 16;grey clay 36;fine gravel 41;grey clay 64;hardpan gravel 78;gravel 81;slate 92. Dry hole. Gas.

KENT COUNTY - cont. Harwich Twp. - cont. Thames River Survey cont.												
TRS WB Con IV	"	3	B. Babbirk	J. A.E. Rumble	May 12, 1967	4	2½	54	18	Fresh	D	Loam 9; grey clay 45; gravel 51; grey clay 60; sand gravel 71; slate. Water at 71. Gas.
TRS WB Con IV	"	5	Kent Clover Leaf Conservation	D. & M. Johnston	May 22, 1965	4	5	25	19	"	P	Surface 1; sand clay 10; blue clay 20; blue clay stones 57; sand 64; gravel 79; shale. Water at 79.
TRS WB Con IV lot	5		Dr. T. Patterson	D. Simpson	Sep. 11, 1965	4	6	30	28	Fresh	D	Sand 6; clay 66; hardpan 70; gravel 74; hardpan 75. Water at 70.
TRS WB Con IV	"	5	E. Sleightholm	"	June 20, 1966	4	5	24	18	"	D	Topsoil 1; clay 36; streaks sand hardpan 48; gravel sand 58; hardpan. Water at 48.
TRS WB Con IV	"	5	E. Foster	"	June 21, 1966	4	6	24	22	"	D	Topsoil 1; red sand 5; clay 24; hard clay gravel 65; sand 74; gravel 77; black shale. Water at 74.
TRS WB Con IV	"	5	M. McGregor	"	Oct. 12, 1966	4	5	40	23	"	D	Topsoil 2; red sand 6; clay 30; hardpan 40; clay 73; gravel 76; black shale 79. Water from 73 to 76.
TRS WB Con V	"	1	V. Carley	C. & M. Johnston	Nov. 15, 1965	4					N	Topsoil 1; sand 10; clay 42; clay stones 105; sand 105½; soapstone 118. Dry hole.
TRS WB Con V	"	2	J. Tengellis	"	June 25, 1965	4	5	17	15	Fresh	D	Topsoil 1; clay 20; clay stones 72; sand 84; loose black shale 86. Water from 84 to 86.
TRS WB Con V	"	2	"	M. Johnston	Aug. 15, 1967	4						Topsoil 1; blue clay 20; blue clay stones 77; sand 84; gravel 85; shale 87. Dry hole.
TRS WB Con V	"	2	"	"	Aug. 17, 1967	4						Topsoil 1; blue clay 20; blue clay stones 77; sand 84; gravel 86; shale 100. Dry hole.
TRS WB Con V	"	2	"	"	Aug. 23, 1967	4	2	45	15	Fresh	D	Topsoil 1; blue clay 20; blue clay stones 77; sand 84; gravel 86; shale 90. Water from 86 to 90.
Townline Range												
TR	"	17	F. Smolcers	O. Lecuyer	May 14, 1964	4	4	21	15	"	D, S	Topsoil 4; blue clay 60; sand gravel 62. Water at 60.
TR	"	19	F. Jinkerson	R. Pinsonneault	July 26, 1966	4			21	"	N	Topsoil 4; yellow sand 12; blue clay 67; fine sand 80; shale 83. Water from 67 to 80.
TR	"	19	"	"	Aug. 3, 1966	4	3½	56	21	"	D	Topsoil 4; yellow sand 12; blue clay 67; fine sand 71; coarse sand 76; fine sand 77; shale 81. Water at 67.
Howard Twp.												
Con I	lot	4	A. Nichols	D. Simpson	June 17, 1965	4	5	24	21	Fresh	D	Sand 6; quicksand 7; clay 40; hardpan 49; gravel 53½; hardpan 54. Water at 49.
Con I	"	5	T. Goodall	Hadco Well Digging Ltd.	Nov. 9, 1966	30	4	30	7	"	D	Topsoil 1; brown clay 5; brown sand 7; blue sand 14; blue clay 30. Water at 7.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation crossed below the surface are given in feet)
KENT COUNTY - cont.										
Howard Twp. - cont.										
Con I lot 10	O. Huys	G. Galbraith	June 14, 1967	4	10	16	13	Fresh	D	Surface sand 15; soft mixed clay 24; hardpan gravel 36; clean coarse gravel 37. Water from 36 to 37.
Con I " 14	R. Crow	"	May 28, 1964	4						Surface 12; blue clay 38; hardpan 50; soapstone black shale 80. Dry hole.
Con I " 14	Ont. Dept of Highways	D. Simpson	Oct. 3, 1964	7	3	55	23	Fresh	P	Topsoil 1; red sand 6; quicksand 18; clay 42; gravel 44; hardpan 65; sand gravel 68; sand hardpan 80; sand gravel 87; black shale. Water at 65 and 80.
Con III " 3	R. Spence	G. Galbraith	Oct. 1, 1966	4	1 1/2		22	"	D	Surface sand 8; boulder clay 50; hardpan gas 51; clay hardpan 65; coarse shale gravel gas 66; black sand 68; grey sand 70; fine sharp gravel 74; top rock 80. Water at 80.
Con III " 3	"	"	Oct. 17, 1966	4						Topsoil 5; clay 62; hardpan grey 75; top rock 84; brown rock soapstone 85. Dry hole.
Con III " 3	"	"	June 6, 1967	4	3	60	25	Fresh	D	Surface sand 8; clay 63; hardpan gravel 65; layers hardpan gravel 70; layers fine black gravel 78; brown top rock 83. Water at 78.
Con III " 4	H. Simington	R. Pinsonneault	Feb. 14, 1964	4						Sand 12; blue clay 52; hardpan sand gravel stone 76; Dry hole.
Con III " 4	"	"	Feb. 21, 1964	4	4	35	14	Fresh	D, S	Sand 12; blue clay 54; hardpan sand gravel 71; sand gravel 72; hardpan sand gravel 78; shale 79. Water at 79.
Con IV " 4	O. Degelas	O. Lecuyer	Apr. 13, 1964	4	< 1/2	74	15	"	D	Topsoil 4; blue clay 75; soft black shale 100. Water at 75.
Con IV " 5	L. Pettipiece	S. Earl	Apr. 16, 1964	4 1/2						Sand 5; gravel sand 10; clay 70; hardpan 82; black shale 83. Dry hole.
Con IV " 5	"	"	Apr. 18, 1964	4 1/2						Sand 4; gravel sand 9; clay 68; hardpan 71; black shale 77. Dry hole.
Con IV " 5	"	"	Apr. 21, 1964	4 1/2						Sand 10; clay sand 18; clay 60; hardpan 65; black shale 77. Dry hole.
Con IV " 5	"	"	Apr. 23, 1964	4 1/2	1	50	22	Fresh	D	Sand 5; clay sand 18; clay 57; gravel 58; hardpan 75; black shale 80. Water at 58.
Con IV " 5	L. Galbraith	R. Pinsonneault	Dec. 23, 1964	4	1 1/2	50	25	"	D	Topsoil 3; brown clay pebbles 62 1/2; coarse sand 64. Water from 62 1/2 to 64.
Con IV " 7	W. Galbraith	Hadco Well Digging Ltd.	Oct. 22, 1965	30	1/2	60	10	"	D, S	Clay 2; brown sandy clay 7; grey sand 12; blue clay 25; grey sand 30; blue clay 55; blue marl 62. Water from 11 to 12, 25 to 30 and from 55 to 62.
Con V " 4	B. Mlynec	S. Earl	Aug. 23, 1965	4	15	20	20	"	D	Clay 72; black shale 87. Water at 81.
Con V " 5	J. Missinne	G. Galbraith	Sep. 9, 1966	4	12	30	15	"	D	Surface sand 6; blue clay 40; grey clay 70; hardpan 75; layers gravel sand 88; gravel 91; top rock 93. Water from 88 to 91.
Con V " 6	M. Beaume	"	Oct. 8, 1966	4						Surface sand 8; boulder clay 70; hardpan black shale 73; top rock soapstone brown shale 85. Dry hole.
Con V " 6	"	"	Oct. 13, 1966	4	1 1/2	87	17	Fresh	D	Surface soil 3; yellow clay 8; boulder clay 60; pink clay 72; top rock brown mixed with soapstone 90. Water at 90.
Con V " 12	H. Pinsonneault	R. Pinsonneault	Sep. 5, 1967	4	1	80	15	"	D	Yellow sand 16; brown clay 65; fine sand 82; clay 89; coarse sand 90; shale 96. Water at 89.
Con VI " 13	J. Beteman	G. Galbraith	Mar. 2, 1965	4	3	80	20	"	C	Surface sand 5; blue boulder clay 65; pink clay 81; hardpan layer sand 94 1/2; fine gravel 95; black top rock 100. Water at 98.
Con VII " 7	J. Gales	D. Simpson	Oct. 13, 1964	4	5	50	24	"	D	Topsoil 2; sand 8; quicksand 10; clay 76; sand gravel 94; black shale 98. Water at 76.
Con VII " 10	Gray Ridge Farms	"	Nov. 11, 1966	4	3	56	24	"	S	Topsoil 1; red sand 8; clay 75; sand 85; clay 90; gravel 97. Water from 90 to 97.
Con VII " 10	L. Grey & Sons Ltd.	S. Earl	June 20, 1967	4 1/2						Sand 7; clay 81; hardpan 90; sand 91; hardpan 110; black shale 175. Dry hole.

[illegible]

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Howard Twp. - cont. TRN	cont. " 91	W.Kowalec	G.Galbraith	Aug.22,1964	4	3½	110	92	"	D,S	Surface 6;grey clay 18;blue clay 140;pink clay 168;hardpan gas sand 175;sand 179;hardpan brown shale 196;soapstone 216. Water at 179.
	" 92	J.Trenter	"	Mar.20,1965	3	5	96	86	"	D	Surface clay 103;sand 104;blue clay 124;hardpan clay 135; gravel 140;slushy sand 149;pink clay 156;hardpan 160;mixed hardpan fine gravel 164;gravel 165. Water at 164.
	" 92	O.Parrish Estate	G.Galbraith	Apr.20,1966	4	6	110	93½	"	D	Surface 5;blue clay stones 100;pink blue clay mixed 140; sandy clay 156;pink clay 179;shale sand 180;black shale 187. Water from 100 to 140 and from 179 to 181.
	" 78	N.Tuck	S.Earl	Sep.24,1964	4½						Sand gravel 8;clay 87;silt sand 187;clay 228;black shale 239. Dry hole.
	" 92	G.Galbraith	G.Galbraith	Feb.28,1964	3½	10		70	Fresh	D	Topsoil 2;sand 4;yellow clay 9;boulder clay 130;sandy clay 135 hardpan 140;red clay 141;blue clay 148;broken shale 150. Water at 148 and 150.
	" 92	E.Hall	"	Mar.23,1964	4	7	85	70	Fresh	D	Surface 2;boulder clay 110;red clay 121;slush gravel sand 124; red clay 140;blue clay 146;hardpan gravel 147;sand gravel 148; top shale 150. Water at 148 and 150.
	" 99	G.Trudgen	"	Mar. 8,1966	4	16½	65	53	"	D,S	Surface 2;boulder clay 105;pink clay 135;gas sand hardpan gravel 138;hardpan slushy gravel 150;soft soapstone 153;grey shale 158;sand grey shale 160. Water at 158.
	" 101	Ont.Dept of Highways	O.Lecuyer	June25,1964	4	6	80	48	"	P	Hard clay 15;clay 150;hardpan 156;soapy shale 157. Water at 157.
	" 7	H.Stempniak	E.Rumble	Apr. 1,1964	4	70	150	68	"	D,S	Gravel loam 16;gritty grey clay 150;sand gravel 166;black slate 210. Water from 150 to 166.
	" 7	A.Stempniak	"	July14,1964	4	1½	170	73	"	D	Yellow clay 18;gritty grey clay 160;sand gravel 172;black shale 173. Water at 172.
212	" 17	A.Clark	"	June 1,1964	4	2½	22	15	"	D,S	Hard top clay 4;blue clay 60;gravel stones 62;black shale 67. Water from 60 to 62.
	" 17	M.Vyskocil	G.Galbraith	Oct.29,1966	4						Surface sand 6;blue clay 70;grey hardpan 75;soupy sand fine gravel 79;hardpan 90;soupy shale 98. Dry hole.
	" 19	N.Tong	"	Oct.20,1966	4	2		15	Fresh	D	Clay 68;quicksand 74;hardpan 75;black top rock 77;sand 79; brown shale 81. Water at 77, 79 and 81.
Orford Twp.	lot 5	A. Kegels	Hadco Well Digging & Drlg. S.Earl	June 1,1967	30	8	55	40	Fresh	D	Topsoil ½;brown clay 4;brown sand 6;blue clay 64;black coarse sand 70. Water at 64.
Con A	" 2	J.Congo	"	Aug.27,1966	4½	½	130	108	"		Sand 5;clay 77;hardpan 90;sand 206;clay 210;hardpan 217;black shale 231. Water from 139 to 141.
Con III	" 2	"	"	Sep.13,1966	4½	½	125	100	"	D	Clay 80;hardpan 112;sandy hardpan 136;sand 138;hard fine sand 187;clay hardpan 209;black shale 215. Water from 136 to 138.
Con III	" 2	"	"	Sep.30,1966	4½	1	160	110	"	N	Clay 67;hardpan 69;clay 122;fine sand 138;sand silt 144; stones 195;hardpan 209;clay 212;hardpan 219. Water at 160.
Con III	" 2	"	"	Oct. 6,1966	4½						Clay 124;hardpan 126;sand clay 127;clay 192;hardpan 215;black shale 217. Dry hole.
Con III	" 3	"	"	Sep. 7,1966	4½	1	130	108	Fresh	D	Clay 64;silt clay 140;sand 146;silt sand 191;hardpan 218; black shale 222. Water from 140 to 146.
Con IV	" 12	Muirkirk Pure Water	G.Galbraith	Sep. 2,1965	4	10	95	89	"	P	Yellow clay 15;boulder clay 124;hardpan black 127;pink clay 148;sandy gravel 155;sand gravel layers 168;gravel fine sand 172. Water from 148 to 172.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations entered below the surface are given in feet)
KENT COUNTY - cont. Orford Twp. - cont. TRN lot 72	J.Sedlak	G.Galbraith	Sep. 2, 1965	4						Boulder clay 90;slushy clay gas 95;various sands 129;hardpan gravel 130;shooting sand 165;hardpan gas 167;glacier drift 174;stones hardpan 193;soft soapstone blue 197;blue shale 210. Dry hole.
TRN " 76	L.Sterling	"	Oct. 4, 1967	5	8	135	123	Fresh	D,S	Yellow clay 15;blue clay 152;slushy sand 154;hardpan 155; sand hardpan 170;shooting sand 195;hardpan 207;sand 217;clay shale gravel 228;top rock gravel sand 233;top rock 238. Water at 217 and 233.
TRN " 76	D.Barnier	"	Feb. 18, 1967	4	2 1/2	160	127	Fresh	S	Surface 3;yellow clay 15;blue clay 145;sandy clay 205;sand 215;coarse sand 217;fine gravel 220. Water at 217.
TRN " 102	C.Miller	"	May 9, 1967	4	6	75	53	"	D	Yellow clay 12;boulder clay 110;pink clay 147;hardpan 148; soft soapstone 153;blue shale 156;grey shale 160;mixed brown shale 164;black shale 165. Water from 156 to 162.
TBS " 66	F.Carnegie	"	Aug. 19, 1966	4	5	60	40	"	D	Topsoil 2;boulder clay 85;grey clay 120;pink clay 165;hardpan clay 172;fine gravel 175;slate soap mixed 181. Water at 181.
TBS " 72	M.Hornick	S.Earl	May 7, 1966	4 1/2	8	80	65	"	D	Topsoil 4;gravel 6;clay 151;hardpan 171;black shale 182. Water from 178 to 180.
TBS " 74	J.Quinton	"	Aug. 31, 1967	4 1/2				"		Sand 6;stones clay 101;hardpan 187;black shale 229. Dry hole.
TBS " 74	C.Quinton	"	Nov. 9, 1967	4	1/2	157	80	"	M	Sand gravel 8;clay 100;silt 157;hardpan 190;black shale 206. Water from 155 to 157.
TBS " 98	M.Brown	G.Galbraith	Nov. 20, 1967	4	3	75	55	"	D	Surface 2;yellow clay 15;blue clay 135;pink clay 152;hardpan gas 155;soft blue soapstone 157;blue shale 165;black blue shale 168. Water at 165.
Baleigh Twp. Con A lot 6	M.Scott	G.Rice	Oct. 5, 1964	4	2	65	8	Fresh	D	Yellow clay 11;blue clay 81;soft grey clay 103;shale. Water at 103.
Con A " 9	S.Prince	"	Nov. 25, 1964	4						Yellow clay 10;blue mud 72;sand 80;black shale 93. Dry hole.
Con A " 9	"	"	Dec. 4, 1964	4						Yellow clay 10;blue mud 72;sand 80;black shale 82. Dry hole.
Con A " 9	"	"	Dec. 11, 1964	4						Yellow clay 11;blue clay 72;sandy blue clay 80;black shale 82. Dry hole.
Con M " 9	"	Hadco Well Digging Ltd.	Feb. 3, 1965						T	Clay 20;sandy clay 39;clay 75;rocks 78;clay 82. Dry hole.
Con A " 9	"	"	Feb. 3, 1965	5 1/2						Soft clay 55;sand coal 75;sandy clay 82;black rock 107;blue rock 125;grey rock 148;black rock 195;shale 200;black rock 215. Dry hole.
Con A " 10	R.Jones	G.Rice	June 12, 1964	4	1/2	75	12	Fresh	M	Yellow clay 10;blue mud 50;sand muc white mud 78;top rock 79; sand 82. Water at 79.
Con A " 10	"	D.Lecuyer	June 15, 1964	4						Clay gravel 21;clay 69;sand clay 73;clay sand gravel 76;black shale 83. Dry hole.
Con A " 10	"	"	June 26, 1964	4						Clay gravel 20;clay 74;sand gravel 76;black gravel fine sand 78;sandy shale 84. Dry hole.
Con A " 10	"	"	Aug. 5, 1964	4	60		12	Fresh	D	Clay gravel 19;clay pebbles 73;gravel sand clay 78;gravel sand 80;black shale 80 1/2. Water at 80.
Con A " 10	E.Gregoire	"	Jan. 18, 1967	4	1/2		13	"	D	Clay pebbles 8;clay 45;clay pebbles 50;soft clay 75;gravel shale 78;sandy shale 79. Water at 78.

KENT COUNTY - cont.										
Baleigh Twp. - cont.										
Con A	lot 10	E. Gregoire	D. Lecuyer	Jan. 13, 1967	4					Clay pebbles 21; clay 45; clay pebbles 55; soft clay 75; sand clay 77; black shale 78 to 80. Dry hole.
Con A	" 10	"	"	Sept. 28, 1967	4	4	16	12	Fresh	D Clay 35; clay pebbles 72; medium gravel 75; black shale 76. Water at 74.
Con A	" 14	J. Chinnick	M. Johnston	Aug. 25, 1967	4	5	15	12	"	D,S Topsoil 1; clay 7; blue clay stones 68; gravel 69; shale 70. Water from 68 to 70.
Con A	" 17	M. Chinnick	C.&M. Johnston	June 1, 1965	4	5	23	9	"	D Topsoil 2; sandy clay 10; blue clay 40; sand 43; blue clay stones 69; gravel 70; black shale 73. Water from 69 to 70.
Con I	" 2	L. Gore	"	May 16, 1964	4					D Surface 1; sand clay 19; clay 29; clay stones 62; sand 99; soapstone 102. Dry hole.
Con I	" 2	"	"	May 23, 1964	4					D Surface 1; sand clay 29; sand 50; sand stripes clay gravel 86; sand 94; sand clay gravel 100; soapstone 103. Dry hole.
Con I	" 2	"	"	May 30, 1964	4	1/2	96	9		D Surface 1; sand clay 30; sand 82; gravel 95; soapstone 96.
Con II	" 3	M. Peltier	"	Apr. 3, 1965	7	10	17	14	Fresh	D,S Surface 1; clay 11; sand 13; clay 35; clay stones 60; clay 67; gravel 68. Water from 67 to 68.
Con II	" 4	R. Crow	"	Aug. 8, 1964	4	2	19	7	"	D Surface 1; sand clay 11; blue clay 58; gravel 70; shale 72. Water from 68 to 70.
Con II	" 5	F. Bruette	"	July 4, 1964						D Surface 1; clay 53; clay stone 62; sand 69; gravel 70; shale 75. Dry hole.
Con II	" 5	"	"	July 11, 1964						D Surface 1; clay 51; clay stone 62; sand 68; shale 73. Dry hole.
Con II	" 5	"	"	July 18, 1964	4					D Surface 1; clay 58; sand 68; clay 75; shale 78. Dry hole.
Con II	" 8	J. Martin	M. Johnston	Sept. 19, 1966	4	3	40	16	Fresh	D Topsoil 1; clay 15; blue clay stones 38; sand 43; blue clay stones 66; gravel 67. Water from 66 to 67.
Con II	" 8	H. Crow	"	June 28, 1967	7					D Topsoil 1; blue clay 43; blue clay stones 64; sand 70; shale 75. Dry hole.
Con II	" 8	"	"	June 30, 1967	7	3	22	12	"	D Topsoil 1; blue clay 43; blue clay stones 63; sand 64; loose shale 65; shale 70. Water from 64 to 65.
Con III	" 12	E. Crackel	G. Rice	Oct. 5, 1966	4	2	42	33	"	D Sand 10; blue mud 66; top rock black shale. Water at 66.
Con III	" 14	C. Baker	D. Simpson	Oct. 6, 1966	4					D Topsoil 1; clay 50; hardpan 60; black shale 62. Dry hole.
Con III	" 16	S. Huff	C.&M. Johnston	Mar. 20, 1965	7	5	28	20	Fresh	D,S Surface 1; clay 15; sand 21; clay 58; gravel 58; shale 65. Water from 58 to 65.
Con III	" 17	L. VanRaemdonck	G. Rice	June 17, 1966	4					D Sand 10; blue mud 64; top rock 70. Dry hole.
Con III	" 17	"	"	June 23, 1966	4	2	43	30	Fresh	D Sand 10; blue mud 63; black shale. Water at 63.
Con III	" 18	J. Huff	Hadco Well Digging Ltd.	Nov. 27, 1964	30	4	54	35	"	D Brown clay 11; grey fine silty sand 16; brown clay 55; sandy stony formation 65. Water at 65.
Con III	" 18	Apex Tool Design	D. Lecuyer	Oct. 6, 1966	4	4	33	28	"	D Clay 5; sand 9; clay 14; sand 20; clay 59; clay pebbles 64; fine gravel 64; sandy shale 65; black shale 66. Water at 65.
Con IV	" 6	D. Lawton	G. Rice	Sept. 6, 1967	4	5	60	12	"	D Sand 10; blue mud 25; white mud 54; quicksand 60; sand 61. Water from 60 to 61.
Con IV	" 12	P. Grison	C.&M. Johnston	Feb. 8, 1964	4					D Clay 1; sand 12; clay 53; sand 58; clay 59; clay gravel 62; clay 70; shale 80. Dry hole.
Con IV	" 12	"	"	Feb. 15, 1964	4					D Clay 1; sand 12; clay 56; sand 58; clay 59; clay gravel 62; clay 70; shale 87. Dry hole.
Con IV	" 12	"	"	Feb. 22, 1964	4	1	55	11	Fresh	D Clay 1; sand 12; clay 56; sand 58; clay gravel 68; clay 70; shale 78. Water from 58 to 68.
Con IV	" 12	Gray Bros. Farm Equipment	Hadco Well Digging Ltd.	May 30, 1966	5 1/2	4	60	22	"	C Black clay 2; blue clay 10; blue sandy clay 25; blue clay 51; sandy clay 54; clay gravel 56; clay boulders 58; carbonated shale 67. Water from 64 to 67.
Con IV	" 12	Ont. Dept. of Highways	O. Lecuyer	Dec. 13, 1965	7	7	15	12	"	P Clay 22; hardpan 55; soft clay 59; gravel 63; coarse gravel 65. Water at 59 and 65.

# APPENDIX C—RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
KENT COUNTY - cont. Raleigh Twp. - cont.										
Con V lot 15	W. Sereda	C.&M. Johnston	Oct. 13, 1965	7	2	44	24	Fresh	D, S	Topsoil 1; sand 7; blue clay small stones 65; sand 69; gravel 69; shale 73. Water from 65 to 69.
Con V " 18	P. Dierickse	G. Rice	Mar. 20, 1965	4	1½	70	28	"	D	Sand 10; blue mud gas 60; sand stones gravel 72; brown shale 74. Water at 72.
Con V " 18	J. Waddick	"	Mar. 31, 1965	4	1½	50	32	"	D	Sand 10; blue mud gas 40; blue mud 60; sand stones shale 71. Water at 71.
Con V " 18	M. Waddick	"	Apr. 9, 1965	4	2	55	32	"	D	Sand 10; blue mud 40; gravel sand gas 70; shale 73. Water at 73.
Con V " 18	A. Beard	"	Apr. 25, 1965	4				"		Sand 10; blue clay 60; sand stones 72; black shale 86. Dry hole.
Con V " 18	"	C.&M. Johnston	Apr. 30, 1965	4	5	30	29	"	D	Surface 1; sand 20; clay 24; clay small stones 66; gravel 72; shale. Water at 72.
Con V " 18	H. Knox	"	May 4, 1965	4				"		Surface 1; sand 20; clay 24; clay stones 47; gravel gas 66; clay 68; gravel 71; shale 75. Dry hole.
Con V " 18	"	"	May 6, 1965	4				"		Surface 1; sand 22; clay 26; clay stones 70; gravel sand 74; shale 77. Dry hole.
Con V " 18	"	"	May 8, 1965	4	3	40	29	Fresh	D	Surface 1; sand 22; clay 26; clay stone 68; sand 69; gravel 74; shale 76. Water from 69 to 74.
Con V " 18	B. Morris	"	May 12, 1965	4				"		Surface 1; sand 20; clay 24; clay stones 69; shale 71. Dry hole.
Con V " 18	"	"	May 14, 1965	4	2½	40	27	"	D	Surface 1; sand 20; clay 24; clay stones 67; fine gravel 69; shale 70. Water from 67 to 69.
Con V " 18	H. Decker	R. Pinsonneault	Sept. 20, 1965	4	4	56	35	"	D	Topsoil 3; yellow clay 12; brown clay 70; sand gravel 72. Water from 70 to 72.
Con V " 18	R. Lauzon	G. Rice	Sept. 20, 1965	4				"		Sand 10; blue mud 69; black shale 80. Dry hole.
Con V " 18	"	"	Sept. 29, 1965	4				"		Sand 10; blue mud 69; broken shale 71. Dry hole.
Con V " 18	W. Parker	"	Oct. 8, 1965	4	5	50	30	Fresh	D	Sand 10; blue mud 68; black gravel shale 69. Water from 68 to 69.
Con V " 18	"	"	Oct. 15, 1965	4	4	40	30	"	D	Sand 10; blue mud 68; black gravel shale 69. Water at 68.
Con V " 18	R. Lauzon	C.&M. Johnston	Oct. 16, 1965	4				"		Topsoil 1; sand 20; clay 25; clay small stones 62; sand 70; gravel 70; shale 75. Water at 70.
Con V " 18	"	"	Oct. 20, 1965	4				"	N	Topsoil 1; sand 20; clay 25; clay stones 62; sand 70; shale 72. Water at 70. Insufficient.
Con V " 18	D. Wilcox	"	Dec. 29, 1965	4				"		Topsoil 1; sand 20; clay 25; clay small stones 64; fine sand 71; shale 72. Water at 71.
Con V " 18	D. Wilcox	"	Jan. 5, 1966	4	2	65	34	Fresh	D	Topsoil 1; sand 20; clay 25; clay small stones 64; sand 70; gravel 72; shale. Water from 70 to 72.
Con V " 18	R. Lamonte	M. Johnston	July 4, 1966	4	2	61	31	"	D	Surface 1; sand 20; clay 24; clay stones 60; sand 68; blue clay 70; gravel 71; shale. Water from 70 to 71.
Con V " 18	R. Henderson	D. Lecuyer	Aug. 20, 1966	4				"		Sandy loam 4; clay pebbles 18; soft sticky clay 45; gravel clay 48; clay pebbles 69; gravel 71; black shale 73. Dry hole.
Con V " 18	"	"	Sept. 2, 1966	4	1½	60	28	"	D	Sandy loam 3; sand 19; clay 50; clay pebbles 69; gravel 70; black sandy shale 72. Water at 70.
Con V " 18	W. Parker	G. Rice	May 18, 1967	4				"		Sand 10; blue mud 68; sand 70. Dry hole.
Con V " 18	"	"	May 31, 1967	4	2½	50	35	"	D	Sand 10; blue mud 67; black shale 68. Water from 67 to 68.
Con V " 18	"	"	June 9, 1967	4	2½	50	35	"	D	Sand 10; blue mud 67; black gravel shale 68. Water from 67 to 68.
Con VI " 1	G. Turner	D. Lecuyer	June 10, 1964	4	1		12	"	D	Clay 5; clay sand 30; clay pebbles 88; sand medium fine 91; black shale 94. Water at 91.
Con VI " 1	"	M. Johnston	Apr. 8, 1966	4				"		Topsoil 2; clay 10; blue clay 30; clay sand small stones 89; gravel 90; shale 95. Dry hole.
Con VI " 1	J. Skipper	J. Skipper	May 14, 1966	4	5	13	12½	Fresh	D	Topsoil 2; yellow clay 18; clay pebbles 50; coarse gravel 52; clay pebbles sand 89; medium sand 90. Water at 90.

\* See end of Appendix C for the meanings of abbreviations and symbols.



KENT COUNTY - cont.											
Raleigh Twp. - cont.											
Con VI	lot 13	G. Civalier	D. Simpson	July 11, 1966	4	3	36	30	Fresh	D	Topsoil 1; clay 62; gravel 64; black shale. Water at 62.
Con VI	" 19	M. Waddick	G. Rice	Dec. 16, 1965	4						Sand 10; blue clay 68; gravel shale 75. Dry hole.
Con VI	" 19	"	"	Dec. 22, 1965	4						Sand 10; blue clay 67; gravel shale 68. Dry hole.
Con VII	" 6	R. Roszell	"	July 3, 1964							Yellow clay 10; blue mud 50; sand 52; grey mud 89; shell 91; shale soapstone 97. Dry hole.
Con VII	" 6	"	"	July 7, 1964	4						Yellow clay 10; blue mud 52; sand gas grey mud 89; shale 107; soapstone. Dry hole.
Con VII	" 6	"	"	July 12, 1964	4						Yellow clay 10; blue mud 50; grey mud 89; shell 91; shelly soapstone 99. Dry hole.
Con VII	" 6	"	"	July 14, 1964	4						Yellow clay 10; blue clay 50; grey clay 89; black shale 95; soapstone 97. Dry hole.
Con VII	" 10	A. Alexander	D. Lecuyer	Sept. 16, 1967	4	1½	45	10	Fresh	D	Clay 6; clay sand 15; clay pebbles 47; gravel loose shale 49; black hard shale 52. Water at 51.
Con VII	" 11	Ont. Dept. of Highways 401	G. Rice	June 4, 1964	8	8		12	Fresh	P	Yellow clay 10; blue mud 40; sand gas 44; grey mud 63; sand gravel 65; grey rock 66. Water at 66.
Con VII	" 11	E. Gruska	"	May 6, 1966	4						Yellow clay 10; blue mud 69; broken shale 71; black shale 81. Dry hole.
Con VII	" 11	E. Gruska	"	May 18, 1966	4						Yellow clay 10; blue mud 70; black shale 75. Dry hole.
Con VII	" 11	"	J. Skipper	July 13, 1966	4						Topsoil 1; yellow clay 16; blue clay pebbles 72; sand 74; broken shale 75; black shale 96. Dry hole.
Con VII	" 11	"	"	Aug. 19, 1966	4	2	60	14	Fresh	D	Topsoil 1; yellow clay 16; blue clay pebbles 68; coarse sand 72. Water at 72.
Con VII	" 13	Ont. Dept. of Highways 401	G. Rice	Apr. 24, 1964	4						Yellow sand clay 10; blue mud 50; grey mud 66; black shale gas 71; black shale 73. Dry hole.
Con VII	" 16	L. Schneider	Hadco Well Digging Ltd.	May 30, 1964	27½	8	65	30	Fresh	S	Topsoil 1; brown clay 6; blue clay 67; blue shale 68. Water at 67.
Con VIII	" 9	V. Yates	G. Rice	Nov. 13, 1964	4	5	22	15	Fresh	D	Yellow clay 10; blue mud 55; grey mud 70; quicksand 75; beach sand 80; gravel 82. Water at 82.
Con VIII	" 10	J. Carter	D. Lecuyer	May 18, 1964	4	6	14	12	"	D	Clay gravel 22; clay 78; clay pebbles gas 80; coarse gravel clay 82; fine gravel sand 84; gravel medium to coarse 85. Water at 82 to 85.
Con VIII	" 10	M. Brown	"	May 27, 1964	4	6	14	12	"	D	Clay pebbles 20; soft clay 70; heaving sand 75; gravel sand 85; sandy shale 86; black shale 87. Water at 87.
Con VIII	" 10	E. Alexander	G. Rice	Aug. 13, 1965	4	3	20	12	"	D	Yellow clay 10; blue mud 87; gravel 88; black broken shale 90. Water at 90.
Con VIII	" 10	S. Shadd	D. Lecuyer	Oct. 1, 1966	4	4	13½	13	"	D	Clay 5; sand 12; clay 65; sand clay 84; gravel 85; gravel black shale 86. Water at 85.
Con VIII	" 10	M. Handsor	"	Jan. 8, 1967	4	3	60	10	"	D	Clay 10; clay pebbles 55; medium sand gravel gas 65; clay pebbles 87; sand shale 88½. Water at 87½.
Con VIII	" 13	E. Waddick	G. Rice	July 5, 1965	4	10	11	10	"	D	Yellow sandy clay 10; blue clay 50; grey clay 75; beach sand gravel 75. Water at 75.
Con VIII	" 19	B. Bink	D. Simpson	Nov. 11, 1966	4	1½	50	17	"		Topsoil 2; clay 82; loose shale 83; black shale 90. Water from 82 to 83.
Con VIII	" 22	S. Zivich	R. Pinsonneault	June 11, 1964							Topsoil 3; brown clay pebbles 94; soapstone 97. Dry hole.
Con VIII	" 22	"	"	June 16, 1964							Topsoil 3; brown clay pebbles 91; gravel 91½; clay 94; soapstone 105. Dry hole.
Con VIII	" 22	"	"	June 23, 1964							Topsoil 3; brown clay 76; sand 76½; brown clay pebbles 86; soapstone 110. Dry hole.
Con VIII	" 23	J. Chittim	Hadco Well Digging Ltd.	Nov. 30, 1964	30	2	36	31	Fresh	D	Brown clay 6; blue clay 32; dark brown sand 40. Water from 32 to 36.
Con VIII	" 25	J. Phillips	"	Nov. 26, 1964	30	3		30	Salty	D	Brown clay 10; blue clay 70; stony gravel 90. Water at 87.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Raleigh Twp. - cont.										
Con IX lot 17	J. Sawyer	M. Johnston	Mar. 3, 1966	4	5	19	9	Fresh	D	Sand 7; blue clay stones 75; gravel 77. Water from 75 to 77.
Con IX " 21	C. Veetula	C.&M. Johnston	Dec. 15, 1965	7	2	109	79	Salty	D	Topsoil 1; sand 6; blue clay 40; blue clay small stones 117; fine sand gravel 119. Water from 117 to 119.
Con IX " 21	J. Litschko	Hadco Well Digging Ltd.	Aug. 20, 1965							Brown sand 4; brown clay sand 9; blue marl 14; grey blue clay 69; brown marl 71; blue clay 81; fine gravel 82; blue clay sand 102. Dry hole.
Con IX " 21	C. Vsetula	C.&M. Johnston	Nov. 26, 1965							Topsoil 1; sand 6; blue clay 40; blue clay small stones 120; soapstone 125. Dry hole.
Con X " 1	C. Vandewynckel	E. John	Oct. 6, 1967	4	7 1/2	130	43	Fresh	D	Clay 122; fine gravel 129; blue shale slate 136; slate 149. Water at 148.
Con X " 2	J. Timbrokowski	G. Rice	May 29, 1964	4	2	70	40	"	D	Yellow clay 10; blue mud 120; quicksand 126; white mud 134; soap 135; shelly 136; black shale 140. Water at 140.
Con X " 5	R. Finlin	O. Lecuyer	July 1, 1965	4	5	35	22	"	D, S	Hard red clay 20; soft clay 94; hardpan 88; gravel 100. Water at 98.
Con XI " 2	H. Meurkes	D. Lecuyer	May 27, 1965	4	4	42	40	"	D	Clay 7; sand gravel 20; clay pebbles 108; clay gravel 117; sandy shale 127; black greenish shale 128. Water at 117 and 127.
Con XI " 2	O. Pinnsonneault	"	June 10, 1965	4	4	45	44	"	D	Clay 7; sand gravel clay 20; clay pebbles 124; sandy clay 125; greenish shale 127. Water at 127.
Con XI " 9	F. Millyard	"	Aug. 8, 1966	4	4	55	32	"	D	Clay 5; sand gravel 12; gravel clay 27; gravel pebbles 108; black gravel 108; black coarse shale 109. Water at 109.
Con XI " 24	E. Cadwell	G. Galbraith	Dec. 14, 1967	4	5	65	62	"	D	Yellow clay 12; blue clay 80; pink clay 105; hardpan gravel 106; brown clay 120; gas hardpan 127; top rock 128. Water at 127 and 128.
Con XI " 25	Dr. J. Emerson	C.&M. Johnston	Sept. 24, 1965	7						Topsoil 2; clay 11; blue clay stones 123; gravel 124; shale 140. Dry hole.
Con XI " 25	"	"	Sept. 29, 1965	7	3	67	57	Fresh	P	Topsoil 2; clay 11; blue clay stones 90; sand 93; blue clay stones 122; gravel 124; shale 127. Water at 124.
Con XII " 1	A. Kennedy	H. English	Mar. 4, 1964	4	3	78	49	"	D	Yellow clay 12; blue clay stones 110; gravel 112; black shale 121; coarse sand 123; sand 129; coarse sand 131; gravel 132; rock 133. Water at 133.
Con XII " 1	J. Simpson	G. Rice	May 20, 1964	4	2	70	2	"	D	Yellow clay 10; blue mud 80; grey mud 120; sand blue mud 125; quicksand 133; blue mud gravel 137; black shale 145. Water at 145.
Con XII " 1	A. McIntosh	D. Lecuyer	Sept. 18, 1964	4	7	70	20	"	D	Clay 58; gravel clay 60; clay pebbles 120; sand clay 130; clay gravel 135; greenish black shale 137; black shale 138. Water at 135 and 138.
Con XII " 1	J. Dennison	"	Nov. 26, 1967	4	6	75	60	"	D	Clay pebbles 112; gravel clay 113; clay pebbles 135; greenish black shale 137; Water at 135.
Con XII " 9	O. Dale	G. Rice	Sept. 24, 1964	4	7	85	39	"	D	Yellow clay 10; blue clay 100; grey mud 125; gravel. Water at 125.
Con XII " 23	E. Russell	"	May 13, 1965	4	5	68	65	"	D	Yellow clay 12; blue clay 70; sand gravel 105; blue clay 126; gravel sand 134; grey rock 136. Water at 135.
Con XII " 25	L. Daigneault	M. Hernandez	July 11, 1967	4	5	60	60	"	D	Dark clay loam 2; grey clay 118; hardpan 123; black shale 128. Water at 127.
Con XIII " 3	A. Guttridge	D. Lecuyer	July 28, 1964	4	3	45	42	"	D	Clay 130; clay pebbles gravel 137; shaly sand 139. Water at 138.
Con XIII " 7	J. Brown	G. Rice	June 7, 1966	4	7	53	43	"	D, S	Yellow clay 10; blue mud 110; grey mud 120; blue mud 140; broken shale 146; black shale 152. Water at 152.
Con XIII " 24	B. Carey	D. Lecuyer	Apr. 25, 1967	4	1/2		60	"	D	Clay pebbles 135; sand gravel 138; clay gravel 140; gravel sand 142; black shale 147. Water at 144.

\* See end of Appendix C for the meanings of abbreviations and symbols.

KENT COUNTY - cont.									
Raleigh Twp. - cont.									
Con XIV	lot 17	J. Cammaert	Hadco Well Digging Ltd.	Aug. 18, 1965					Brown clay 10; grey blue clay 110. Dry hole.
Con XV	" 22	D. Blahovich	M. Johnston	Sept. 14, 1966	4				Clay 12; blue clay stones 183; gravel 185; soapstone 200. Dry hole.
Con XV	" 22	"	"	Oct. 14, 1966	4	$\frac{1}{2}$	212	48	Salty D, S Clay 12; blue clay stones 185; cemented gravel 188 $\frac{1}{2}$ ; gravel 189; soap 213; grey limestone 214. Water from 188 $\frac{1}{2}$ to 189.
Lake Erie Survey									
Con II	lot 24	C. Bunning	W. Marsh	Dec. 7, 1964	5	5	110	105	Fresh D Gravel 15; sand silt 35; clay stones 160; gravelly hardpan 167; shale 186. Water at 167.
Talbot Road Range									
TRR	lot 134	R. Cleveland	Hadco Well Digging Ltd.	Jan. 25, 1965	27 $\frac{1}{2}$	3	24	16	Fresh D Topsoil 1; brown sandy clay 14; blue coarse sand 25. Water at 15.
TRR	" 136	B. Pardo	"	July 23, 1965	30	2	29	20	" D Topsoil 1; brown clay 5; brown sand 24; blue clay 24 $\frac{1}{2}$ ; blue sand 28; blue clay 30. Water at 20 and 25.
TRR	" 138	L. Pardo	"	June 30, 1966	30	2		18	" D Topsoil 1; brown clay 5; brown sand 18; coarse brown sand 30. Water at 18.
TRR	" 155	D. Love	E. & J. Rumble	Dec. 28, 1966	4				Red loam 3; quicksand gravel 10; grey clay 149; gravel mud 169; slate 170. Dry hole.
Thames River Survey									
Eastern Boundary Survey									
Con II	lot 20	J. Birkley Farms	Hadco Well Drlg. & Digging Ltd.	Sept. 6, 1967	30	10	68	48	Fresh D, S Topsoil 1; sandy brown clay 12; blue clay 26; sand 28; blue clay 54; gravel 60; blue clay 62; sand gravel 68. Water at 62.
Con II	" 21	J. Birkby	G. Rice	Nov. 10, 1965	4				Sand 10; blue clay 68; shale 77. Dry hole.
Con II	" 21	"	"	July 7, 1966	4				Sand 10; blue mud 45; grey mud 55; gas sand 70; shale 72. Dry hole.
Con II	" 21	"	"	July 14, 1966	4				Sand 10; blue mud 45; grey mud 55; gas sand 73; shale 75. Dry hole.
Con II	" 21	"	"	July 21, 1966	4				Sand 10; blue mud 45; grey mud 55; gas sand 73; shale 74. Dry hole.
Con II	" 21	"	"	Aug. 2, 1966	4				Yellow sand 10; blue mud 45; grey mud 64; sand 66; shale 68. Dry hole.
Con II	" 21	"	D. Simpson	Aug. 27, 1966	4	1	68	45	Fresh S Topsoil 2; clay 30; hardpan 59; clay 67; gravel 68; black shale 75. Water at 68.
Con II	" 21	"	"	Aug. 31, 1966	4	2	60	37	Fresh D Topsoil 1; clay 30; hardpan 65; gravel 67; black shale 71. Water from 65 to 67.
Con II	" 21	J. Birkley Farms	Hadco Well Drlg. & Digging Ltd.	Sept. 6, 1967	30	3	66	54	" D, S Topsoil 1; sandy brown clay 10; blue sandy clay 54; fine sand 60; blue clay 65; black shale 66. Water at 65.
Con II	" 22	R. Civalier	D. Simpson	Oct. 27, 1966	4				Topsoil 2; yellow sand 6; clay 65; black shale. Dry hole.
Con III	" 23	T. Ogle	C. & M. Johnston	Dec. 12, 1964	7	2	40	27	" D Surface 1; clay 11; sand 13; clay 32; clay small stones 53 $\frac{1}{2}$ ; gravel 54; shale 61. Water from 53 $\frac{1}{2}$ to 54.
Con III	" 24	L. Restorick	D. Simpson	Mar. 1, 1965					Topsoil 1; red sand 6; clay 12; quicksand 14; clay 30; hardpan 57; sand 74; blue black shale 77. Dry hole.
Con III	" 24	"	"	Mar. 15, 1965	4	2 $\frac{1}{2}$	38	24	Fresh D Topsoil 1; red sand 5; clay 28; hardpan 42; sand 45; hardpan 63; sand gravel 66; hardpan 68. Water at 63.
Con III	" 24	"	"	Sept. 15, 1965					Topsoil 1; clay 54; sand gravel 56; hardpan 68; black shale 71. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Raleigh Twp. - cont. Thames River Survey Eastern Boundary Survey cont.										
Con III lot 24	L. Restorick	D. Simpson	Sept.17,1965	4						Topsoil 1;clay 38;gravel 40;hardpan 52;sand gravel 57;hardpan. Dry hole.
Con III " 24	"	"	Sept.22,1965	4	4	29	26	Fresh	D	Topsoil 1;clay 42;hardpan 49;sand 57;gravel 59. Water at 57.
Con III " 24	S. Spisani	M. Johnston	Apr. 14,1966	4						Topsoil 2;sandy clay 14;sand 16;blue clay 58;gravel 59; soft shale 69;black shale 71. Dry hole.
Con III " 24	"	"	Apr. 16,1966	4						Topsoil 1;sandy clay 18;sand 20;blue clay stones 74;gravel 65;soft shale 72;black shale 74. Dry hole.
Con III " 24	"	"	May 7,1966	4	6	40	22½	Fresh	D	Topsoil 1;yellow sand clay 15;sand 17;blue clay sand stones 63;fine gravel 65;shale. Water from 63 to 65.
Con IV " 23	R.Sterling	R. Pinsonneault	Mar. 20,1964	4						Sand 10;blue clay 43;sand gas 45;brown clay pebbles 80; soapstone 101. Dry hole.
Con IV " 23	"	"	Mar.25,1964	4	5	32	20	Fresh	D,S	Sand 10;blue clay 44;sand gravel 45. Water at 45.
Con IV " 24	H.&M. Constr.	D. Lecuyer	Sept.15,1966	4	3½	55	21	"	D	Sandy loam 6;hard clay 40;clay pebbles 52;gravel 53;clay pebbles 66;gravel clay 69;loose coarse black shale 70;brownish black shale 71. Water at 70.
Con IV " 24	M. Oulds	"	Sept.22,1966	4	5	40	21	"	D	Sandy loam 6;clay pebbles 50;clay pebbles gravel 68;gravel 69;black sandy shale 70;black soft shale 71. Water at 70.
Romney Twp.										
Con I lot 10	F.Bailey	M.Williams	Sep.11,1967	3	10	50	30	Sulphur	D	Clay 137;hardpan 138;limestone 140. Water at 140.
Con I " 11	M.Stasevich	E.Hernandez	Sep. 9,1967	4	5	30	27	Fresh	D	Clay 150;limestone 155. Water at 152.
Con II " 19	Romney Central School	M.Williams	Mar.10,1964	4						Blue clay 138;black shale 155;soapstone streaks dark limestone 162;soapstone 162. Water at 155.
Con II " 19	"	"	Mar.20,1964	4						Blue clay 138;black shale 155. Dry hole.
Con II " 19	"	"	Mar.30,1964	4	8		14	Fresh	P	Blue clay 138;black shale. Water at 138.
Con IV " 17	K.Mills	"	July 6,1964	3	8		11	"	D,S	Blue clay 118;black shale. Water at 118.
Thamesville Village										
	Bank of Montreal	D.Simpson	May 2,1966	4						Topsoil 2;sand 12;quicksand 14;clay 37;hardpan 50;loose shale 54;hardpan 65;soapstone 80. Dry hole.
	P.Cowan	S.Earl	May 20,1967	4½	½	60	20	Fresh	N	Sand 8;clay 40;hardpan 42;clay 59;black grey shale 65. Water at 59.
Tilbury East Twp.										
Con I lot 12	H.Jubenville	Hadco Well Digging & Drilg.	May 31,1967	30			8	Fresh	S	Topsoil ½;brown clay 4;black marl 10;blue sandy clay 22;blue clay 30. Water at 10.
Con II " 1	St.PetersRoman Catholic Church	R.McPherson Drilg. Ltd.	Aug. 1,1967	4						Yellow clay 10;blue clay 60;quicksand 105;sand 110;brown shale 145;brown limestone 230. Dry hole.
Con II " 3	R.St.Peter	Hadco Digging Ltd.	Aug.17,1964	30	2	18	11	Fresh	D	Topsoil 1;brown clay stones 7;brown sand 13;blue clay 20. Water from 7 to 30.

KENT COUNTY - cont.  
Tilbury East Twp. - cont.

Con IV	lot 1	R.Marshall	C. & M. Johnston	Mar. 25, 1966	4													Surface 2; clay 14; fine sand 20; clay 42; clay stones 45; clay 72; clay stones 74; fine sand 76; gravel shale 82; soapstone 88. Dry hole.
Con IV	" 1	"	"	Apr. 6, 1966	4													Surface 2; clay 14; fine sand 20; clay 42; clay stones 45; clay 72; clay stones 74; fine sand 76; gravel shale 82. Dry hole.
Con VI	" 1	J. Kerpel	R. Pinsonneault	July 22, 1964														Topsoil 3; yellow clay 12; brown clay 85; black clay 90; grey shale. Dry hole.
Con VI	" 1	"	"	July 25, 1964	4	5	17	4	Salty	D								Top soil 3; yellow clay 12; brown clay 85; black clay 90; grey shale. Water at 90.
Con VI	" 1	J. VanBergen	D. Lecuyer	Mar. 29, 1965	4													Clay pebbles 15; sand 18; clay pebbles 38; gravel clay 40; clay pebbles 91; clay gravel 94; clay limestone shale 97. Dry well.
Con VI	" 1	"	"	Apr. 15, 1965	4													Clay 12; sand 14; clay pebbles 90; sand clay 94; limestone shale. Dry hole.
Con VI	" 1	N. Dezell	Hadco Well Digging Ltd.	May 26, 1966	30	4	39	28	Fresh	D								Topsoil 1; brown clay 9; blue clay 35; gravel 38; blue clay 40. Water at 35.
Con VI	" 1	A. Broeders	"	Mar. 23, 1967	30	31	4	43	"	D								Topsoil 2; brown clay 14; blue clay 31; gravel 36; blue clay 45. Water at 31.
Con VII	" 9	S. Gardiner	J. Skipper	June 18, 1966	4	2	45	9	"	D								Topsoil 1; yellow clay 17; blue clay sand 49; hard sand 50; soft blue clay sand 106; fine sand 107; sand 110. Water at 107 and 110.
Con VIII	" 4	D. Morris	Hadco Well Digging	Aug. 4, 1964														Topsoil 1; brown clay 18; blue clay 67; blue sand 92; blue clay 115. Dry hole.
Con VIII	" 4	"	"	Aug. 4, 1964	5	15	45	16	Fresh	D								Clay 70; sand 105; sand gravel 111; cemented gravel 113; sand gravel 120; sand 134; hard clay 140. Water from 113 to 134.
MRN	" 1	L. Patrick	E. Hernandez	Mar. 31, 1965	7	4	60	45	"	D								Topsoil 1; yellow clay 7; blue clay 83; sand 85; blue clay 118; Kettle Point Hamilton shale 135; Kettle Point shale 152. Water from 140 to 145.
MRN	" 2	Twp. School Area	M. Hernandez	June 19, 1967	8	17	103	42	"	P								Black clay loam 2; grey clay 115; hardpan 125; shelly clay 127; black shell 134. Water at 134.
MRS	" B	M. Haskell	"	June 30, 1967	4	3	145	42	"	D								Brookton clay 1; grey clay 144; shell hardpan 145; black shell 151. Water at 145 and 151.
MRS	" 1	G. Haskell	D. Lecuyer	May 1, 1965	4	6	45	42	"	D								Sand gravel 21; clay pebbles 105; sand clay 120; sandy shale black green 124; black shale 125. Water at 120 and 124.
MRS	" 5	Doyle Farms Ltd.	M. Hernandez & Sons	June 23, 1967	4	8	75	27	"	D, S								Clay loam 1; grey clay 121; hardpan 124; black shell 127. Water at 127.
MRS	" 10	E. Smith	D. Lecuyer	Oct. 24, 1964	4													Clay gravel 20; clay sand gravel 79; clay 87; clay stones 135; greenish soapy clay 142. Dry hole.
MRS	" 10	E. Smith	"	Nov. 5, 1964	4	$\frac{1}{2}$		17	Fresh	D								Clay pebbles 20; soft clay pebbles 137; clay pebbles 141; green white limestone 143; black brown rock 146. Water at 146.
Zone Twp.																		
Con I	lot 1	Can. Pacific	G. Galbraith	June 5, 1964	4													Surface 10; blue soft clay 44; layer hardpan gas 45; layers sand hardpan 60; hardpan 70; black shale soapstone 80. Dry hole.
Con I	" 1	"	"	June 13, 1964	4													Surface sand 10; blue soft clay 44; hard sand gas 45; slushy sand hardpan layers 51; sand 60; hardpan 70. Dry hole.
Con I	" 1	"	"	June 19, 1964	4													Surface 10; blue soft clay 45; slushy hard sand 60; hardpan sand 70. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
KENT COUNTY - cont.										
Zone Twp. - cont.										
Con I lot 1	Can. Pacific R.	K. Jubenville	Aug. 6, 1964	36	50	15	7	Fresh	P	Top sand clay 4; white sand 5; blue clay 30. Water at 30.
Con I " 14	G. Wilson	W. Marsh & Sons Drlg. Contr. D. Simpson	July 15, 1966	5 1/2	1	40	15	"	D	Loam 1; grey clay 38; mild hardpan 39; blue shale 47; black shale 55. Water at 39.
Con II " 12	J. Kofelt	"	Aug. 2, 1965	4	2	35	17	"	S	Topsoil 1; sand 8; clay 41; gravel 43; black grey shale 44. Water at 41.
Con II " 13	D. Bodkin	W. Marsh	Mar. 27, 1967	5	5	40	16	"	D, S	Clay 39; soft black grey shale 47. Water at 44.
Con II " 13	"	"	Aug. 26, 1967	6 1/2						Clay 39; soft shale 47; hard sharp black shale 92; top rock 140 soapstone 159. Dry hole.
Con II " 13	"	"	Oct. 25, 1967	6 1/2						Sand 3; clay 37; shale 51. Dry hole.
Con II " 13	"	"	Oct. 28, 1967	6 1/2						Sand 2; clay 36; shale 50. Dry hole.
Con VI " C	L. McDowell	Hadco Well Digging Ltd.	Oct. 21, 1965	30						Sandy clay 4; grey sand 8; brown sand 12; blue clay 40. Dry hole
River Range " 6	Home Mission Board Toronto	W. Marsh	Mar. 22, 1966	5	7	50	45	Fresh	P	Grey top sand 20; grey clay small stones 65; muddy gravel 69; sandy hardpan 90; stiff hardpan 97; mild hardpan 135; soapstone 179; limestone shells soapstone 210. Water at 65 and 95.
River Range " 6	"	"	Mar. 31, 1966	5	10	45	42	"	P	Top sand 12; grey clay stones 52; stiff hardpan 55; sandy hardpan 61; muddy hardpan 70. Water at 60.
River Range " 10	H. Marcus	"	Mar. 31, 1967	50	15	65	53	"	D	Sand 6; gravelly sand 14; grey clay stones 73; sand 87; hardpan 117; gravel sand 126; hardpan 138; gravel 142; hardpan 143. Water from 6 to 14, 117 to 126 and 138 to 142.

LANSTON COUNTY  
Alvinston Village

F. Mills	R. Dolphin	July 22, 1964																	Yellow clay 15; blue clay 72; black shale 80. Water at 76.
		July 24, 1964																	Sand 20; blue clay 70; hardpan 72; black shale 84. Water from 15 to 20.
W. Redick	"	Feb. 10, 1965																	Sand gravel 20; blue clay 76; black shale. Dry hole.
F. Kucera Jr.	"	Feb. 11, 1960	4	2 1/2	63	15	Fresh	D											Sand gravel 20; blue clay 60; hardpan 67; gravel 68; black shale. Water at 67 and 68.
Ont. Dept. of Highways	S. Atkinson	June 4, 1965	6	1	96	40	"	N											Backfill 15; grey clay 67; hardpan 70; black shale 96. Water at 70.
"	"	June 8, 1965	6	4	30	20	"	P											Sand gravel 10; grey clay 70; hardpan shale 71. Water at 71.
Vlg. Alvinston	R. Dolphin	Aug. 20, 1965	4	8	39	28	"	P											Sand gravel 7; blue clay 34; sand gravel 43; blue clay 77; black shale 77 1/2. Water at 34 and 77.
"	"	Aug. 20, 1965	5	12	28	14	"	P											Sand gravel 7; blue clay 34; sand gravel 40. Water from 34 to 40.
"	Dolphin & Earl	Aug. 26, 1965						T											Gravel sand 8; sand clay 18; blue clay 72; black shale 73. Water at 72.
"	"	Sep. 2, 1965	7	24	35	26	"	T	3-65										Sand 18; blue clay 75; shale gravel 76; black shale 77. Water at 76.
A. Gona	"	Nov. 5, 1965	4	10	27	22	"	D	4-65										Sand 20; blue clay 70; gravel 72. Water from 70 to 72.
C. Kimball	R. Lather	June 28, 1967	4	10	30	26	"	D											Sand 5; sand gravel 16; grey clay 73; hardpan gravel 75; black shale. Water from 74 to 75.
K. Earl	E. & R. Lather	July 31, 1967	4	10	35	33	"	D											Yellow clay 20; blue clay 74; gravel 75. Water from 74 to 75.
O. Wilson	"	Aug. 4, 1967	4	10	40	35	"	D											Yellow clay 20; blue clay 72; hardpan 74; gravel 75. Water at 74.
N. Putt	"	Aug. 11, 1967	4																Sand 16; grey clay 73; hardpan 75; black shale 82. Dry hole.
"	"	Aug. 16, 1967	4	3	77	28	Fresh	N											Sand 16; grey clay 74; hardpan 76; black shale 77. Water at 76.
"	"	Aug. 22, 1967	4	3	55	28	"	D											Sand 14; grey clay 36; grey sand 38; clay 75; hardpan gravel 77; black shale. Water at 77.
Baptist Church	Dolphin & Earl	Mar. 4, 1967	4	6	40	23	"	D											Sand 6; clay sand 26; blue clay 74; gravel 75; black shale. Water from 74 to 75.
D. Smith	"	Mar. 14, 1967	4	3	55	20	"	D											Sand 20; blue clay 68; hardpan 70; gravel 72; black shale. Water from 70 to 72.
"	"	Mar. 14, 1967	4																Sand 20; blue clay 70; black shale. Dry hole.
T. Earl	Earl & Lather	Sep. 25, 1967	4	10	47	29	Fresh	D											Sand 12; grey clay 36; fine sand 40; grey clay 76; hardpan 77; black shale. Water at 77.
H. McLochlan	"	Oct. 11, 1967	4					D											Sand 19; grey clay 71; hardpan 73; black shale 77. Dry hole.
"	"	Oct. 14, 1967	4																Sand 19; grey clay 71; hardpan 73; black shale 75. Dry hole.
"	"	Oct. 21, 1967	4																Sand 19; grey clay 71; hardpan 73; black shale 77. Dry hole.
Arkona Village																			
H. Frank	A. Heal	May 9, 1964	4	50	75	12	Fresh	D											Topsoil gravelly clay 8; yellow clay 15; blue clay 53; gravelly clay 55; gritty clay 61; soft limestone 75. Water at 67.
G. Curtis	"	Oct. 1, 1964	4	20		15	"	D											Topsoil gravel 9; clay 33; muddy sand 44; sand 47; muddy sand 48. Water from 45 to 47.
A. Muxlow	"	Oct. 6, 1964	4																Dug hole 16; muddy sand 40; clay 64; gritty clay 75; soft rock 80; grey limestone 95. Dry hole.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
LAMINGTON COUNTY - cont. Arkona Village - cont.		E.Giles	A.Heal	Oct. 9, 1964	4	2	72	25	Fresh	D	Topsoil gravelly clay 12;sand clay streaks 25;clay 43;clay sand streaks 68;coarse sand clay streak 72½. Water from 70 to 72½.
		A.Murrow	"	Oct.18,1964	4	½	80	40	"	D	Yellow topsoil 16;blue clay sand streaks 57;gritty clay 74; grey limestone 80. Water at 65.
		G.Davey	F.Jackson & Son	June25,1966	6½	8	50	22	"	D	Sandy hardpan 4;clay gravel 15;gravel clay boulder 30;false rock 31;limestone 36;black shale 100;soapstone 105. Water from 31 to 36.
		K.Smith	A.Heal	Dec. 1,1966	4	1	64	6	"	D	Topsoil sandy clay 24;blue clay 48;muddy sand 52;clay sand streaks 63;soft limestone 68. Water at 63½.
		H.Thomson	R.Hudson	Sep.26,1967	36	½	24	17	"	D	Gravel 15;fine sand 37½. Water at 17.
Bosanquet Twp.		R.VanPrate	R.Hudson	Dec.15,1967	36	10	15	4	Fresh	D,S	Sand 18. Water at 4.
Con A	lot 10	J.Pelleboer	A.Heal	Apr.24,1964	4	5	34	26	"	D	Yellow topsoil 15;blue clay 22;boulders 24;gravelly clay 27; gravel 30;coarse sand 40;clay 42. Water from 33 to 40.
Con I	" 6	"	"	Apr.23,1964	4	5	64	27	Sulphur	D	Yellow topsoil 15;blue clay 26;gravel 28;sand 32;blue clay 70; muddy hardpan 78;limestone 83. Water at 78.
Con I	" 7	D.Sercombe	"	Jan.27,1965	4	4	72	52	Fresh	D,S	Topsoil gravel 8;sand 25;sandy clay 40;blue clay 102;sand clay streaks 150;sand 161. Water from 150 to 161.
Con IV	" 23	J.Lacey	"	Dec.15,1964	36	1	20	5	"	D	Brown clay 4;sandy clay 8;blue clay 23. Water at 8.
Con V	" 25	F.Zavitz	R.Hudson	May 30,1967	6	3	10	1½	"	D	Topsoil 1½;limestone 5;limestone clay streaks 8;soapstone 30. Water at 5 and 8.
Con VIII	" 26	R.Watson	A.Heal	July 7,1964	4	3	65	26	"	D,S	Yellow topsoil 15;blue clay 105;hardpan 106;limestone 108. Water from 105 to 106.
Con X	" 11	G.VanRiel	"	Sep. 9,1964	4	"	"	"	"	"	Topsoil yellow clay 15;blue clay 62;limestone 83;grey shale 85. Dry hole.
Con X	" 19	P.Vandenboer	"	Sep.14,1964	4	"	"	"	"	"	Topsoil yellow clay 15;blue clay 63;limestone 85;grey shale 94. Dry hole.
Con XV	" 14	V.Fuller	G.Hussey	Nov.24,1964	4	2	115	40	Fresh	D	Clay 98;sand 104;clay streak sand 149;black shale 155. Water at 98.
Con XVI	" 12	J.Hill	A.Heal	Sep.23,1964	4	5	40	35	"	D,S	Topsoil clay 15;blue clay 93;hardpan 96½;limestone 98. Water at 96½.
Con IX	" D	E.Bressette	F.Jackson	July19,1965	6	2	40	5	Sulphur	D	Slate sandy loam 5;black shale 30;limestone clay 40. Water at 18.
LRE	" 9	J.Warner	R.Hudson	July24,1967	36	20	22	16	Fresh	D	Sand 24;blue clay. Water at 16.
LRE	" 34	R.Thorn	R.Smith	June15,1967	4	10	22	22	"	P	Dug well 20;stones clay 21;clay sand 25;brown sand 30;grey sand 36. Water from 30 to 36.
LRE	" 52	S.Mann	F.Jackson	Aug. 2,1965	4	4	30	20	Sulphur	D,S	Sand topsoil 3;sand clay grit 25;clay boulders 35;black shale 36. Water at 35.
LRE	" 62	Indian Hill Golf Club	A.Heal	June 3,1965	4	½	120	38	Salty	D	Topsoil yellow clay 12;blue clay 78;hardpan 100;limestone streaks 133. Water from 100 to 101.
LRE	" 62	"	"	May 25,1965	4	"	"	"	"	"	Topsoil yellow clay 12;blue clay 68;hardpan 78;soft rock 121. Dry hole.
LRE	" 5	D.Sifton	R.Hudson	Dec.10,1964	36	5	24	22	Fresh	D	Sand 22;gravel 24. Water at 21.
LRE	" 7	D.Hacklin	"	Sep.23,1967	36	40	20	17½	"	D	Sand 18;gravel 21. Water at 17½.
LRE	" 8	J.Aselstyne	"	Sep.26,1964	36	30	17	15	"	D	Sand 15;coarse gravel 18. Water at 15.

LAMINGTON COUNTY - cont. Bosanquet Twp. - cont.													
LEW	lot 72	C. Long	A. Heal	Aug. 4, 1966	6	< 2	53	25	Fresh	D	Topsoil gravelly clay 7; blue clay 27; boulders gravelly clay 32 gritty clay 38; limestone 38; gritty clay 44; limestone 49; soap- stone 53. Water from 30 to 32.		
LEW	" 72	"	"	Aug. 6, 1966		4	51	25	"	D	Topsoil gravelly clay 6; blue clay 30; boulders 31; gritty clay 38; limestone 39; clay 45; limestone 49; soapstone 51. Water from 30 to 31.		
LEW	" 72	A. Perritt	"	Aug. 3, 1967	4	3	26	23	"	D	Topsoil sand 10; blue clay 22; mddy gravel 24; gritty clay 36; black gravel clay streaks 39; limestone 41; clay 46; limestone 51. Water at 49 1/2.		
LEW	" 72	L. McBean	"	Aug. 8, 1967	4	3	27	27	"	D	Topsoil sandy clay 8; blue clay 41; limestone 42; gritty clay 47; loose limestone 48; hard limestone 50. Water at 49 1/2.		
LEW	" 72	G. Pembleton	"	Aug. 11, 1967	4	5	29 1/2	28 1/2	"	D	Topsoil sandy clay 8; blue clay 30; clay boulders 40; gritty clay 48; grey limestone 51. Water at 49 1/2.		
LEW	" 78	F. Doherty	F. Jackson	May 27, 1964	4	15	90	62	"	D	Topsoil clay 3; hardpan 15; blue clay stones 80; black shale grit 90; black shale limestone 100. Water at 95.		
LEW	" 80	H. Pearson	A. Heal	July 15, 1967	4	5	70	63	"	D	Yellow topsoil 16; blue clay 74; hardpan 82 1/2; black shale 94; grey shale 96. Water from 94 to 96.		
LEW	" 82	W. Legue	"	Aug. 16, 1967	4	4	74	59	"	D	Topsoil sandy clay 8; blue clay 77 1/2; hardpan 80 1/2; black shale 97. Water at 80 1/2.		
LEW	" 83	R. McKerlie	"	Aug. 14, 1964							Topsoil yellow clay 16; blue clay 73; hardpan 79; black shale 82. Dry hole. Gas at 75.		
LEW	" 83	"	"	Aug. 17, 1964							Yellow topsoil 16; blue clay 73; hardpan 79; black shale 82; gas at 75. Dry hole.		
LEW	" 83	"	"	Aug. 19, 1964							Yellow topsoil 16; blue clay 73; hardpan 78; black shale 80; gas at 74. Dry hole.		
LEW	" 83	W. Loranger	"	Apr. 27, 1966	4	3	72	64	Fresh	D	Yellow topsoil 14; blue clay 69; hardpan 79 1/2; black shale 89 1/2. Water at 79 1/2.		
SBC	" 16	G. Luck	"	Apr. 1, 1964	4	2	98	25	"	D	Topsoil sandy clay 18; blue clay 79; sand 81; clay sand streaks 92; sand 97; black shale 99. Water from 93 to 97.		
Brooke Twp.													
Con I	lot 16	R. Meyers	W. Marsh	Jan. 4, 1964	5	5	55	40	Fresh	D, S	Sand 5; clay 25; silty clay 63; gravel 65. Water at 63.		
Con II	" 7	J. Forbes	S. Earl	June 12, 1965	4	5	43	18	"	D	Clay 49; black shale 50. Water from 49 to 50.		
Con II	" 8	W. Campbell	W. Weatherstone & D. Williams	Nov. 3, 1967	6	5	32	28	"	D, S	Gravel loam 8; blue clay 55; black clay stones 56. Water at 56.		
Con II	" 20	J. Lehrbass	A. Heal	Feb. 26, 1964	4	1/2		20	"	N	Topsoil yellow clay 14; blue clay 65; loose grey shale 84. Water from 65 to 65 1/2.		
Con II	" 20	"	"	Mar. 2, 1964	4						Topsoil yellow clay 14; blue clay 65; grey shale 79; black shale 81. Dry hole.		
Con II	" 20	"	"	Mar. 3, 1964	4	3	30	20	Fresh	D	Topsoil yellow clay 14; blue clay 63; hardpan 65; grey shale 66. Water from 63 to 65.		
Con II	" 22	L. Gray	Dolphin & Earl	Aug. 26, 1965	4	5	30	9	"	D	Sand gravel 15; soupy clay 68; sand gravel 69; blue shale 72. Water from 71 to 72.		
Con III	" 11	P. Herden	"	Mar. 11, 1965	4	4	35	28	"	D, S	Yellow clay 10; blue clay 64; hardpan 68; blue shale 70. Water at 68.		

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Specify to which formations extent below the surface are given in feet)
LANEBTON COUNTY - cont. Brooke Twp. - cont.										
Con III lot 13	K.Lovell	Dolphin & Earl	Aug.30,1965	4	5	55	23	Fresh	D	Yellow clay 15;blue clay 64;hardpan 71;blue shale 79;black shale 81. Water from 79 to 81.
Con III " 19	J.Lehrbass	A.Heal	Mar.20,1964	4	5	20	16	"	D	Topsoil yellow clay 14;blue clay 63;hardpan 64;grey shale 66; grey black shale 69. Water from 64 to 66.
Con III " 19	"	"	Apr.26,1965	4	6 1/2	24	14	"	D,S	Yellow topsoil 14;blue clay 65;hardpan 68;grey shale 76. Water at 72 1/2.
Con IV " 3	Brooke & Ennis-killen Church	L.Bawson	May 20,1964	4 1/2	10	16	12	"	D	Topsoil 10;blue clay 60;hardpan 61;black shale 63. Water from 60 to 61.
Con IV " 4	M.Dudley	R.Thrower	July21,1967	4 1/2	4	19	17	"	D,S	Topsoil 10;blue clay 47;gravel 57;gravel 59;shale 60. Water at 59.
Con IV " 7	R.Johnston	Dolphin & Earl	Nov.11,1964	4	4	35	17	"	D	Red clay 12;grey clay 48;hardpan 50;black shale 59. Water at 50.
Con IV " 13	Warner's Turkey Farm	E.Morningstar	June15,1965	5 1/2	10	44	42	"	D,S	Topsoil 2 1/2;gravel 3 1/2;yellow clay 6;blue clay 55;black shale. Water at 55.
Con IV " 21	D.Campbell	Earl & Lather	Sep.30,1967	4						Yellow clay 12;grey clay 30;fine sand 35;sand clay 53;hardpan 54;black shale 60. Dry hole.
Con IV " 21	"	"	Oct. 2,1967	4	2	52	23	Fresh	D	Yellow clay 10;blue clay 52;hardpan 53;shale. Water at 53.
Con V " 3	S.Lousmore	Dolphin & Earl	Dec. 4,1964	4	4	30	18	"	D,S	Yellow clay 12;blue clay 55;hardpan 58;gravel 61;shale. Water at 58 and 61.
Con V " 3	S.Maddock	S. Earl	July14,1965	4 1/2	15	25	18	"	D	Clay 60;broken black shale 61. Water from 60 to 61.
Con V " 21	S.Kucera	Earl & Lather	Dec. 2,1967	4						Sand 3;grey clay 50;hardpan 51;black shale 53. Dry hole.
Con V " 21	"	"	Dec.19,1967	4						Sand 15;grey clay 73;hardpan 75;black shale 78. Dry hole.
Con V " 21	"	"	Dec. 7,1967	4						Grey clay 50;hardpan 51;black shale 65. Dry hole.
Con V " 28	N.Hill	R.Dolphin	Feb.22,1967	4	4	40	20	Fresh	D,S	Yellow clay 12;blue clay 60;hardpan 78;gravel 79. Water from 78 to 79.
Con VI " 4	J.Dean	Dolphin & Earl	July28,1964	4	5	30	19	"	D	Clay 12;blue clay 35;hardpan 57;gravel 58. Water from 57 to 58.
Con VI " 4	B.Russell	"	Aug.14,1965	4	6	22	17	"	D	Yellow clay 15;blue clay 60;gravel 62. Water at 62.
Con VI " 9	Warner's Turkey Farms	E.Morningstar	June29,1966	5	3	61	22	"	D,S	Yellow clay 11;blue clay 59;black shale 64. Water from 60 to 64.
Con VI " 17	J.Smale	Dolphin & Earl	Apr.19,1967	4	2	54	16	"	D	Sand gravel 12;blue clay 65 1/2;black shale 66 1/2. Water from 65 1/2 to 66 1/2.
Con VI " 28	G.Campbell	"	June 9,1964	4	Flows			"	S	Yellow clay 8;blue clay 30;hardpan gravel 50. Water at 51.
Con VII " 6	P.Sylvester	H.Ashburn & J.Weston	Jan.23,1967	7	3	20	16	"	D,S	Blue clay 52;gravel 60;brown shale 63. Water at 52.
Con VII " 13	E.Boss	Dolphin & Earl	Nov.10,1965	4	5	20	12	"	D	Yellow clay 15;blue clay 61;gravel 63. Water from 61 to 63.
Con VII " 27	E.Savits	A.Heal	Feb. 4,1966	4	4	45	7	Sulphur	D,S	Yellow topsoil 14;blue clay 46;hardpan 59 1/2;black shale 62. Water from 55 to 59.
Con VIII " 2	M.Dudley	W.Weatherstone & D.Williams	Apr.14,1966	6	4	25	24	Fresh	D,S	Topsoil 10;blue stones 69;fine gravel 70;black shale. Water from 69 to 70.
Con VIII " 2	"	S.Earl & Lather	Feb.15,1966	4 1/2	1 1/2	60	18	"	N	Clay 71;black shale 79. Water at 71.
Con VIII " 8	W.Douglas	Dolphin & Earl	May 15,1965	4	2	40	18	"	S	Yellow clay 10;blue clay 47;hardpan 49;gravel 50. Water at 49.
Con VIII " 15	A.Ferguson	S.Earl	July21,1964	4 1/2	15	27	20	"	D	Sand gravel 6;clay 80;black shale 82;black gravel 83;black shale 85. Water at 82.
Con IX " 6	G.Campbell	Dolphin & Earl	Dec.15,1964	4	4	18	17	"	D,S	Yellow clay 15;blue clay 45;hardpan 50;black shale. Water at 50.
Con IX " 12	N.Leitch	"	Aug.24,1965	4			20	"		Yellow clay 15;blue clay 58;hardpan 60;shale 70. Water at 60.

LAMBTON COUNTY - cont. Brooke Twp. - cont.													
Con IX	"	lot 19	D. McLachlan	W. Newport & Sons Ltd.	Nov. 25, 1967	7½	4	50	20	Fresh	S	Clay 60; coarse gravel 65; black shale top rock 125. Water from 60 to 65.	
Con IX	"	20	G. McEachern	A. Heal	Dec. 7, 1965	4						Yellow topsoil 16; blue clay 39; muddy hardpan 49½; grey shale 65. Dry hole.	
Con IX	"	20	"	"	Dec. 8, 1965	4						Yellow topsoil 14; blue clay 27; muddy hardpan 37; grey shale 46. Dry hole.	
Con IX	"	20	"	"	Jan. 25, 1966	4	2½	65	13	Sulphur	D, S	Yellow topsoil 15; blue clay 45; muddy hardpan 57; grey shale 65. Water from 57 to 60.	
Con IX	"	29	L. McPhail	Dolphin & Earl	Dec. 8, 1965	4	4	26	20	Fresh	D	Yellow clay 20; blue clay 42; gravel 45. Water from 42 to 45.	
Con X	"	2	J. Melton	"	Aug. 16, 1965	4	4	50	13	"	D, S	Yellow clay 15; blue clay 53; gravel 55. Water from 53 to 55.	
Con X	"	2	"	"	Aug. 16, 1965							Yellow clay 15; blue clay 52; hardpan 54; black shale 137. Dry hole.	
Con X	"	5	W. Teskey	"	Apr. 20, 1964	4	5	18	7	Fresh	D, S	Yellow clay 10; blue clay 58; hardpan 60; black shale. Water at 60.	
Con X	"	12	C. Campbell	"	Sep. 20, 1964	4	10	18	5	"	D, S	Yellow clay 12; blue clay 58; hardpan 60; gravel 61; black shale. Water from 60 to 61.	
Con XI	"	2	J. McRae	F. Jackson & Son	Oct. 11, 1967	5						Clay loam 2; hardpan 15; blue clay 49; black shale 60. Dry hole.	
Con XI	"	2	"	"	Oct. 12, 1967	5						Clay loam 2; hardpan 15; blue clay 49; black shale 65. Dry hole.	
Con XI	"	2	"	"	Oct. 13, 1967	5	2	55	23	Fresh	D	Hardpan 15; blue clay 50; black shale 60. Water at 50.	
Con XI	"	18	J. Janssens	S. Earl	June 6, 1967	4	8	45	40	"	D	Clay 69; hardpan 70; clay 74; grey shale 89; black shale 113. Water at 79 and 103.	
Con XI	"	28	K. Huston	Dolphin & Earl	July 23, 1965	4	4	17	17	Sulphur	D, S	Yellow clay 15; blue clay 45; hardpan 70; shale 72. Water at 72.	
Con XIII	"	1	G. Sawyer	L. Rawson	Oct. 20, 1966	4	2	50	25	Fresh	D	Topsoil 10; blue clay 56; hardpan 57½; black shale 60. Water at 57½.	
Con XIII	"	5	A. Sylvester	Dolphin & Earl	May 21, 1965	4	2	50	18	"	D	Red clay 12; blue clay 50; hardpan 59; fine gravel 60. Water at 59.	
Con XIII	"	8	E. Higgins	S. Earl	July 23, 1964	4½						Clay 48; black shale 51. Dry hole.	
Con XIII	"	8	"	"	July 25, 1964	4½						Clay 47; black shale 48. Dry hole.	
Con XIII	"	16	W. Brown	A. Heal	July 16, 1964	4	4	36	32	Fresh	D	Yellow topsoil 15; blue clay 81; hardpan 89; grey shale 92½. Water from 88 to 89.	
Con XIII	"	17	A. Leitch	"	Jan. 12, 1965	4	2½	80	42	Sulphur	D, S	Topsoil yellow clay 14; blue clay 105; hardpan 106; black shale 108. Water from 105 to 106.	
Con XIII	"	18	J. Leishout	"	July 14, 1964	4	4	55	54½	"	D	Yellow topsoil 15; blue clay 102; hardpan 111; black shale 114. Water from 105 to 111.	
Con XIII	"	28	T. Verhoysen	S. Earl	July 22, 1964	4½	15	25	20	"	D	Clay 57; hardpan 59; black shale 70. Water at 65.	
Con XIII	"	28	"	"	Aug. 17, 1964	4½	15	25	20	"	D	Clay 57; hardpan 59; black shale 82; grey limestone 83. Water from 65 to 70.	
Con XIV	"	2	Mansfield	C. Thrower	Aug. 1, 1964	5						Top sandy clay 10; blue clay 46; black shale 50. Dry hole.	
Con XIV	"	2	"	"	Aug. 5, 1964	5	3	27	20	Fresh	D, S	Top sandy clay 9; blue clay 46; black shale 48. Water at 46½.	
Con XIV	"	3	E. Capes	"	Aug. 17, 1967	4	1	50	20	"	N	Clay 5; blue clay 45; shale 50. Water at 50.	
Con XIV	"	3	"	"	Aug. 22, 1967	4						Clay 5; blue clay 45; shale 55. Dry hole.	
Con XIV	"	3	"	"	Aug. 26, 1967	4	5	25	20	"	D, S	Clay 5; blue clay 45; shale 80. Water at 75.	
Con XIV	"	7	L. Moffit	"	July 28, 1966	4½	10	6	6	"	D, S	Topsoil 5; blue clay 35; coarse gravel 40; black shale 45. Water from 35 to 40.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered before the surface are given in feet)
LAMBERTON COUNTY - cont.										
Dawn Twp.										
Con I lot 18	B. Phair	R. Simpson	Sep. 28, 1966	4	5	30	15	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 58; loose black shale 59. Water at 58.
Con I " 25	B. Langstaff	"	June 21, 1967	4	4	40	36	Sulphur	D, S	Topsoil 2; yellow clay 9; blue clay 80; gravel loose shale 82; black shale 83. Water at 80.
Con I " 25	"	"	June 22, 1967	4						Topsoil 2; yellow clay 9; blue clay 81; black grey shale 88. Dry hole.
Con I " 26	G. Babcock	"	Nov. 22, 1967	4	4	44	40	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 66; gravel loose shale 67; black shale 68. Water at 66.
Con I " 30	G. Marr	D. Wade	Nov. 30, 1967	4						Yellow clay 10; blue clay 78; hardpan 80; black shale 93; grey shale 95. Dry hole.
Con I " 30	"	"	Dec. 1, 1967	4	7	30	23	Fresh	D	Yellow clay 10; blue clay 78; hardpan 80; black shale 90. Water at 80.
Con I " 32	W. Metcalf	A. Heal	July 11, 1964	4	3	32	21	"	D	Yellow topsoil 15; blue clay 75; hardpan 76; black shale 87. Water from 75 to 76.
Con II " 13	K. Clark	D. Simpson	Jan. 15, 1966	4	2	30	15	Sulphur	D, S	Topsoil 1; clay 50; loose shale gravel 52; black shale. Water at 50.
Con II " 20	R. Stevens	H. McDonald	Apr. 23, 1965	4	6	30	20	Fresh	D, S	Topsoil 2; brown clay 18; blue clay 62; gravel 63; black shale 64. Water at 62.
Con II " 20	J. Stevens	"	Apr. 30, 1965	4	4	50	20	"	D	Topsoil 2; brown clay 22; blue clay 67; gravel 69; black shale 70. Water at 67.
Con II " 24	M. McLaughlin	"	June 23, 1966	4						Topsoil 2; brown clay 20; blue clay 68; black shale 70. Dry hole.
Con II " 24	"	"	June 26, 1966	4	5	40	22	Fresh	D, S	Topsoil 2; brown clay 20; blue clay 68; gravel 69; black shale 70. Water from 68 to 69.
Con II " 24	"	"	Nov. 10, 1966	4					N	Topsoil 2; brown clay 20; blue clay 69; black shale 70.
Con II " 24	"	"	Nov. 20, 1966	4	3	60	30	Fresh	D	Topsoil 2; brown clay 20; blue clay 69; gravel 70; black shale. Water at 69.
Con II " 28	M. McPadden	W. Weatherstone & D. Williams	June 3, 1965	6	5	17 1/2	17	Salt	D, S	Top brown clay 14; blue clay 60; coarse stony gravel 62. Water at 60.
Con II " 30	Knox Presbyterian Church	R. Simpson	Apr. 18, 1967	4	5		23	Fresh	D	Topsoil 2; yellow clay 9; blue clay 70; gravel loose shale 71; black shale 72. Water at 70.
Con II " 32	D. Graham	"	June 6, 1967	4						Topsoil 2; yellow clay 9; blue clay 55; black shale 56. Dry hole.
Con II " 32	"	"	June 8, 1967	4						Topsoil 2; yellow clay 9; blue clay 55; black shale. Dry hole.
Con II " 32	"	"	June 9, 1967	4						Topsoil 2; yellow clay 9; blue clay 55; black shale 57. Dry hole.
Con II " 32	"	"	June 10, 1967	4	4	40	21	Fresh	S	Topsoil 2; yellow clay 9; blue clay 55; loose shale 56; black shale 58. Water from 56 to 58.
Con III " 16	M. Carr	D. Wade	July 28, 1966	4	15	15	15	"	D	Yellow clay 4; blue clay 58; hard sand 59. Water from 58 to 59.
Con III " 20	N. Robinson	R. Simpson	Sep. 1, 1965	4	5	25	16	"	D, S	Topsoil 2; yellow clay 9; blue clay 66; loose shale 67; black shale 69. Water at 66.
Con IV " 25	N. McDonald	"	June 10, 1965	4	8	25	19	"	S	Topsoil 2; yellow clay 10; blue clay 68; loose shale gravel 69; black shale 70. Water at 69.
Con V " 10	G. Kerr	"	Mar. 22, 1965	4	4	30	10	"	D, S	Topsoil 2; yellow clay 10; blue clay 72; hardpan gravel 79; gravel 81. Water at 79.
Con V " 15	J. Ennett	"	Aug. 20, 1964	4						Topsoil 2; yellow clay 9; blue clay 52; black shale 56. Dry hole.
Con V " 15	"	"	Aug. 21, 1964	4						Topsoil 2; yellow clay 9; blue clay 52; black shale. Dry hole.
Con V " 15	"	"	Aug. 22, 1964	4						Topsoil 2; yellow clay 10; blue clay 51; black shale 55. Dry hole.
Con V " 15	"	"	Aug. 24, 1964	4						Topsoil 2; yellow clay 9; blue clay 52; black shale 58. Dry hole.
Con V " 15	"	"	Aug. 25, 1964	4						Topsoil 2; yellow clay 9; blue clay 51; black shale 56. Dry hole.

LAMBTON COUNTY - cont.  
Dawn Twp- cont.

Con	V	lot	J.Ennett	R.Simpson	Aug. 27, 1964	4				Sulphur	D,S	Topsoil 2;yellow clay 9;blue clay 52:black shale 54. Dry hole.
Con V	"	15	"	"	Aug. 28, 1964	4						Topsoil 2;yellow clay 9;blue clay 52:black shale. Dry hole.
Con V	"	15	"	"	Aug. 29, 1964	4						Topsoil 2;yellow clay 9;blue clay 52:black shale 54. Dry hole.
Con V	"	15	"	"	Nov. 14, 1964	4						Topsoil 2;yellow clay 8;blue clay 52:black shale 60. Dry hole.
Con V	"	15	"	"	Nov. 16, 1964	4						Topsoil 2;yellow clay 10;blue clay 53:black shale 57. Dry hole.
Con V	"	15	"	"	Nov. 18, 1964	4						Topsoil 2;yellow clay 10;blue clay 52:black shale 54. Dry hole.
Con V	"	15	"	"	Nov. 21, 1964	4						Topsoil 2;yellow clay 10;blue clay 52:black shale 56. Dry hole.
Con V	"	15	"	"	Nov. 22, 1964	4						Topsoil 2;yellow clay 9;blue clay 52:black shale 54. Dry hole.
Con V	"	15	"	"	Mar. 15, 1965	4						Topsoil 2;yellow clay 14;blue clay 50:black shale 55. Dry hole.
Con V	"	29	P.Sanderson	"	Aug. 3, 1965	4	4	45	19	Sulphur	D,S	Topsoil 2;yellow clay 8;blue clay 67;loose shale 70. Water at 67.
Con V	"	31	D.Sanderson	"	Aug. 5, 1965	4	6	25	16	Fresh	S	Topsoil 2;yellow clay 7;blue clay 64:black shale 65. Water at 64.
Con VI	"	14	J.Parks	"	Mar. 18, 1965	4	2	50	14	"	N	Topsoil 2;yellow clay 10;blue clay 52:black shale 56. Water at 52.
Con VI	"	17	C.Stinson	"	Sep. 6, 1966	4	5	25	14	"	S	Topsoil 2;yellow clay 7;blue clay 43:black shale 45. Water at 43.
Con VI	"	28	T.E.Stinson	"	June 12, 1965	4						Topsoil 2;yellow clay 12;blue clay 59:black shale 62. Dry hole.
Con VI	"	28	"	"	June 14, 1965	4	2½	50	24	Fresh	D,S	Topsoil 2;yellow clay 12;blue clay 58;loose shale gravel 59; black shale 61. Water at 58.
Con VI	"	29	K.Hill	"	June 16, 1965	4	5	22	19	"	D,S	Topsoil 2;yellow clay 10;blue clay 48;loose shale 49. Water at 48.
Con VI	"	34	J.Poland	H.A.Brandon	Aug. 13, 1964	7	4	52	15	"	D,S	Red clay 30;blue clay 67:black shale 70. Water at 67.
Con VII	"	11	W.Wellman	D.Simpson	May 26, 1965							Topsoil 1;clay 28;hardpan 33;loose shale 34:black shale 36. Dry hole.
Con VII	"	11	F.Coke	Wade's	Jan. 12, 1967	4						Yellow clay 8;grey clay 36;hardpan 46;grey shale 53:black shale 56. Dry hole.
Con VII	"	12	B.Fitzgerald	R.Simpson	Sep. 14, 1965	4	5	25	14	Fresh	D,S	Topsoil 2;yellow clay 7;blue clay 31:black shale 32. Water at 31.
Con VII	"	21	G.Stinson	C.Webster	July 4, 1964	6	1	54	20	"	D,S	Topsoil 2;blue clay 53:black gravel shale 54. Water at 54.
Con VII	"	21	"	"	July 9, 1964							Topsoil 2;blue clay 53:black shale gravel 54. Dry hole.
Con VII	"	21	"	R.Simpson	Apr. 5, 1967	4						Topsoil 2;yellow clay 7;blue clay 52:black shale 54. Dry hole.
Con VII	"	28	L.Pelkey	E.Morningstar	Aug. 24, 1966	5	8	26	22	Fresh	S	Yellow clay 11;blue clay 53; gravel 57. Water from 55 to 57.
Con VII	"	30	O.Sitzes	R.Simpson	Dec. 20, 1965	4	4	35	25	Sulphur	D	Topsoil 1;yellow clay 10;blue clay 49;loose shale 50. Water at 49.
Con VII	"	30	J.Anderson	E.Morningstar	Sep. 28, 1966	4						Yellow clay 13;blue clay 52:black shale 67. Dry hole.
Con VII	"	30	"	"	Oct. 28, 1966	4	2	45	22	Fresh	D	Yellow clay 13;blue clay 50;rock. Water at 50.
Con VIII	"	13	R.Burrell	D.Simpson	Mar. 18, 1964	4	2	21	16	Sulphur	D,S	Topsoil 1;clay 20;loose shaly gravel 24;black shale 30. Water at 20.
Con VIII	"	16	R.Wright	W.Weatherstone & D.Williams	Feb. 14, 1964	6	3	22	18	Fresh	D,S	Top clay 6;blue clay 30;black sandy clay 32. Water at 32.
Con VIII	"	19	S.Jackson	R.Simpson	July 14, 1966	4	5	25	14	Sulphur	D,S	Topsoil 2;yellow clay 8;blue clay 50;black shale 51. Water at 50.
Con VIII	"	20	M.Deline	"	Feb. 9, 1966	4	4	35	21	Fresh	D,S	Topsoil 2;yellow clay 7;blue clay 53;black shale 54. Water at 53.
Con VIII	"	20	G.Stinson	"	Apr. 6, 1967	4	3	30	16	"	D,S	Topsoil 2;yellow clay 7;blue clay 52;gravel loose shale 54. Water at 52.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
LANEY COUNTY - cont.										
Dawn Twp. - cont.										
Con VIII lot 25	Dawn Twp. Public School	D. Williams	Aug. 8, 1964	7	10	24	18	Fresh	P	Brown top clay 11; blue clay 49½; black gritty clay 51. Water at 51.
Con VIII " 25	Dawn Central School	R. Simpson	Apr. 1, 1965	4	10	30	19	"	P	Topsoil 2; yellow clay 7; blue clay 51; loose shale 52; black shale 54. Water at 51.
Con VIII " 25	"	"	Apr. 4, 1965	7	10	25	18	"	P	Topsoil 2; yellow clay 7; blue clay 51; loose shale 52; black shale 55. Water at 51.
Con VIII " 27	K. Urquhart	C. Webster	Aug. 10, 1964	6	5	23	18	"	D, S	Topsoil 2; blue clay 52; gravel 54. Water at 52.
Con VIII " 30	T. Thomas	R. Simpson	May 25, 1964	4						Topsoil 2; yellow clay 9; blue clay 50; black shale 52. Dry hole
Con VIII " 30	"	"	May 27, 1964	4						Topsoil 2; yellow clay 9; blue clay 50; black shale 52. Dry hole
Con IX " 15	D. Webster	"	May 1, 1965	4	4	18	16	Sulphur	S	Topsoil 2; yellow clay 9; blue clay 24; black shale 26. Water at 24.
Con IX " 21	W. Bell	"	Aug. 22, 1965	4	6	24	16	Fresh	D, S	Topsoil 2; yellow clay 9; blue clay 45; black shale 46. Water at 45.
Con IX " 31	D. Zavitz	C. Webster	May 10, 1964	6	5	38	34	"	S	Topsoil 3; blue clay 51; hardpan black gravel 52. Water at 52.
Con IX " 31	O. Verhaeghe	R. Simpson	May 19, 1964	4	4	25	16	"	D, S	Topsoil 2; yellow clay 6; blue clay 53; limestone black shale 54; hard black shale 55. Water at 53.
Con X " 21	E. Eden	"	Aug. 30, 1965	4	6	26	16	"	D, S	Topsoil 2; yellow clay 9; blue clay 45; black shale 46. Water at 45.
Con X " 25	A. Graham	W. Weatherstone & D. Williams	Nov. 9, 1967	6	5	19	15	"	D, S	Topsoil 1; brown clay 7½; blue clay 43; black stony clay 46; black gravel 46½. Water from 46 to 46½.
Con X " 28	D. Zavitz	C. Webster	Apr. 28, 1964	6	5	37	42	"	S	Topsoil 2; blue clay 60; gravel 62. Water at 60.
Con XI " 17	C. Leeson	"	July 22, 1966	6	3	15	12	"	D, S	Topsoil 2; light blue clay 20; blue clay silt 36; layer black coarse gravel 36½; black shale. Water from 36 to 36½.
Con XI " 19	W. Lang	W. Weatherstone & D. Williams	June 18, 1966	6	3	19	14	Sulphur	D	Topsoil 8; white clay 36; black gravel stones 37. Water from 36 to 37.
Con XI " 19	R. Burrell	D. Simpson	Nov. 18, 1964	5	4	32	16	"	D, S	Topsoil 2; clay 36½; loose shale gravel 37½. Water at 36½.
Con XI " 25	J. Brown	W. Weatherstone & D. Williams	Nov. 17, 1964	6	5	16	15	Fresh	D, S	Top clay 12; blue clay 42½; black gravel 43. Water at 43.
Con XI " 30	J. Dunlop	D. Simpson	Nov. 23, 1964	4	5	40	29	"	D	Topsoil 2; clay 72; loose shale gravel 73; black shale 75. Water at 72.
Con XI " 30	S. Moorehouse	W. Weatherstone & D. Williams	Dec. 30, 1967	6	5	36	30	"	S	Brown clay 9; hard blue clay 73; black clay stones 76½; black gravel stones 77. Water from 76½ to 77.
Con XII " 12	E. Gould	"	July 30, 1964	6	10	12	11	"	D, S	Top clay 7; blue clay 24; black gravel 26. Water at 24.
Con XII " 12	K. McFadden	R. Simpson	Mar. 25, 1965	4	2	30	12	"	N	Topsoil 2; yellow clay 7; blue clay 44; black shale 49. Water at 44.
Con XII " 14	J. Neville	W. Marsh	Nov. 7, 1967	6½	10	45	13	"	D, S	Brown clay 18; grey clay 22; hardpan 31; blue shale 49; blue black shale 56. Water from 22 to 24 and from 49 to 56. Sulphur.
Con XII " 15	L. Williams	W. Weatherstone & D. Williams	Sep. 2, 1964	6	6	12	12	"	D, S	Top clay 11; blue clay 29½; black gravel 31. Water at 31.
Con XII " 16	L. Wright	"	July 2, 1964	6	5	19	14	"	D, S	Top clay 5; blue clay 30; coarse gravel 32. Water at 32.
Con XII " 18	A. Scholze	R. Pinsonneault	Aug. 25, 1964	4	3	30	15	"	D	Topsoil 1; yellow clay 12; brown clay 37; loose shale 38; hardpan 40; soapstone 42; limestone 46. Water at 38.
Con XII " 18	"	R. Simpson	July 25, 1964	4						Topsoil 2; yellow clay 7; blue clay 35; limestone soap 42. Dry hole.
Con XII " 18	"	"	July 27, 1964	4						Topsoil 2; yellow clay 7; blue clay 34; black shale 36. Dry hole
Con XII " 18	"	"	July 28, 1964	4						Topsoil 2; yellow clay 8; blue clay 34; soupy limestone 42. Dry hole.



LAMBTON COUNTY - cont.

Dawn Twp. - cont.

Con XII	lot 24	J. Jack	C. & M. Johnston	July 3, 1965	4	5	14	12	Sulphur	S	Topsoil 1; clay 7; blue clay 47; gravel 48; shale. Water from 47 to 48.
Con XII	" 28	M. McGuire	R. Simpson	May 25, 1965	4	6	22	16	Fresh	D, S	Dug well 15; blue clay 60; black shale 61. Water at 60.
Con XII	" 29	R. Cook	C. Webster	Aug. 27, 1966	7	5	26	21	Sulphur	D, S	Topsoil 5; blue clay pebbles 45; blue clay 76; gravel 78. Water from 76 to 78.
Con XII	" 29	"	"	Aug. 29, 1966	7	5	26	21	Fresh	D, S	Topsoil 5; blue clay pebbles 45; blue clay 76; gravel 78. Water at 77.
Con XII	" 31	L. Butler	R. Simpson	Apr. 5, 1964	4	5	40	23	"	D, S	Topsoil 2; yellow clay 7; blue clay 62; hardpan 65; shale gravel 67; black shale. Water at 65.
Con XIII	" 13	A. Huston	D. Simpson	Feb. 12, 1967	4	12	17	15	"	D, S	Topsoil 2; red clay 8; blue clay 29; gravel 31½. Water at 29.
Con XIII	" 16	F. Charron	Wade's	Aug. 2, 1966	4	10	15	12	"	D	Yellow clay 15; blue clay 31; grey clay stones 35. Water at 35.
Con XIII	" 20	Lawton Bros	R. Pinsonneault	Sep. 1, 1966	4	4	12	9	"	S	Topsoil 3; brown clay 40; shale. Water at 40.
Con XIII	" 21	D. Williams	R. Simpson	Feb. 17, 1966	4	5	18	16	Sulphur	D, S	Topsoil 2; yellow clay 9; blue clay 45; loose shale 46; black shale 47. Water at 45.
Con XIII	" 25	J. Sharp	W. Marsh	Oct. 21, 1967	6½	10	30	14	"	D, S	Old well 42; gravel shale 45. Water from 42 to 45.
Con XIII	" 26	L. Webster	W. Weatherstone & D. Williams	Oct. 25, 1966	6	5	23	15	"	S	Brown clay 8; blue clay 44; black gravel 46. Water from 44 to 46.
Con XIV	" 15	G. Osborne	R. Simpson	Aug. 4, 1966	4	4	33	32	"	D	Topsoil 5; yellow clay 8; blue clay 32; shaly hardpan 36; black shale 40. Water from 32 to 36.
Con XIV	" 16	S. Smith	Dolphin & Earl	Apr. 28, 1965	5	4	20	12	"	S	Yellow clay 18; clay sand 35; gravel 37½; black shale 38. Water at 37.
Con XIV	" 16	E. Maynard	R. Simpson	Aug. 3, 1966	4	5	21	21	"	D	Topsoil 4; yellow clay 7; blue clay 23; black shale 24. Water at 23.
Con XIV	" 16	J. Bilton	S. Earl	Apr. 27, 1964	4½	7	44	30	"	D	Clay 40; black shale 58; grey shale 92. Water at 90.
Con XIV	" 16	S. Smith	T. Earl	Oct. 14, 1964	5	3	35	Flows	"	S	Red clay 10; blue clay 35; hardpan 36½; gravel 37; black shale 44½. Water at 37.
Con XIV	" 16	W. McCutcheon	S. Earl	Apr. 3, 1965	4½						Clay 40; black shale 60; grey shale 144. Dry hole.
Con XIV	" 16	E. Maynard	R. Simpson	Aug. 2, 1966	4						Topsoil 4; yellow clay 8; blue clay 25; black shale 36; dark grey limestone 40. Dry hole.
Con XIV	" 16	B. Bodkin	R. Pinsonneault	Apr. 20, 1967	4	2		14	Sulphur	D	Sand 5; clay 25; shale 30. Water at 26.
Con XIV	" 22	G. Elliott	S. Earl	May 31, 1967	4						Sand 5; clay 40; black grey shale 63; black shale 70. Dry hole.
Con XIV	" 22	"	"	June 2, 1967	4	2	90	32	Fresh	D	Sand 3; clay 40; hardpan 43; grey black shale 65; black shale 117; grey shale 154. Water at 65.
Enniskillen Twp.											
Con I	lot 9	W. Kelly	W. Weatherstone & D. Williams	May 28, 1965	6	5	25	20	Fresh	D, S	Top brown clay 10; blue clay 58½; black sand 59. Water at 58½.
Con I	" 16	Jack Bros.	E. Morningstar	Sep. 16, 1965	5½						Yellow clay 11; blue clay 56; black shale 76; grey limestone 85; black shale 95; grey limestone 96; black shale 98; grey limestone 102; shale. Dry hole.
Con I	" 16	"	"	Sep. 20, 1965	5½	2	45	28	Fresh	S	Yellow clay 11; clay hardpan 16; blue clay 48; stony black shale 52; black shale 57. Water at 57.
Con I	" 16	D. Evoy	"	Nov. 5, 1966	5						Yellow clay 10; blue clay 53; black shale 73; grey limestone 81; soapstone shale 84; grey limestone 98. Dry hole.
Con I	" 22	L. Oliver	"	Sep. 8, 1965	5½	10	25	22	Fresh	S	Yellow clay 12; blue clay 57; black shale. Water at 57.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation entered below the surface are given in feet)
LANE COUNTY -cont.										
Enniskillen Twp. - cont.										
Con I lot 29	S.Mills	W.Weatherstone & D.Williams	July 7, 1964	6	10	27	20	Fresh	D,S	Top clay 10; blue clay 44; black gravel 45. Water at 45.
Con I " 30	R.Mater	"	Aug. 12, 1966	6						Topsoil 9; white clay 61; black clay stones 63. Dry hole.
Con II " 3	L.Hull	E.Morningstar	Nov. 14, 1964	5	5	50	21	"	D,S	Yellow clay 10; blue clay 59; grey rock 61; black shale 65. Water at 61.
Con II " 8	J.Piggott	"	Aug. 13, 1964	5						Yellow clay 19; blue clay 55; sand gravel 56; black shale 108; hard grey limestone 108. Dry hole.
Con II " 8	"	"	Aug. 15, 1964	5						Yellow clay 13; blue clay 60; black shale 70. Dry hole.
Con III " 5	R.Leeson	"	June 15, 1966	5						Yellow clay 25; blue clay 50; black shale 115; grey limestone 199. White soapstone 204. Dry hole.
Con III " 6	L.Anderson	"	May 18, 1966	5	1	104	20	Fresh	D,S	Yellow clay 25; blue clay 50; black shale 107. Water from 75 to 107.
Con III " 20	A.Hales	Dolphin & Earl	Aug. 25, 1964	4	3	40	27	"	D	Red clay 12; blue clay 40; hardpan 58; rock. Water at 58.
Con III " 27	C.Brydges	E.Morningstar	May 15, 1964	5	10	38	35	"	S	Yellow clay 11; blue clay 58; black shale 60. Water from 59 to 60.
Con IV " 7	K.Anderson	"	Nov. 19, 1964	5	5	40	30	"	D,S	Yellow clay 22; blue clay 73; top rock shale 78. Water from 75 to 78.
Con IV " 9	W.Brendon	H.Brandon	Dec. 22, 1964	5						Red clay 20; blue clay 67; black shale 75. Dry hole.
Con IV " 9	"	"	Dec. 23, 1964	5	5	25	15	Fresh	D,S	Red clay 20; blue clay 67; black shale 80. Water from 67 to 80.
Con IV " 9	L.Stokes	"	May 20, 1966	4	10	37	32	"	D	Red clay 14; blue clay 59; black shale 91. Water from 59 to 91.
Con IV " 16	Enniskillen Central School	L.Rawson	Feb. 24, 1965	4 1/2	7	30	30	"	P	Topsoil 8; blue clay 57; hardpan 67; black shale 70. Water at 67.
Con IV " 16	"	E.Morningstar	June 1, 1965	5 1/2	10	44	42	"	P	Yellow clay 10; blue clay 60; black shale 66. Water from 61 to 66.
Con IV " 17	B.Cascaden	H.Brandon	Sep. 21, 1966	4	10	35	25	"	D	Red clay 15; blue clay 80; black shale 84. Water from 80 to 82.
Con IV " 17	W.Cascaden	L.Rawson	May 10, 1967	4						Topsoil 9; blue clay 72; hardpan 77; black shale 80. Dry hole.
Con IV " 17	"	"	May 16, 1967	4	4	50	41	"	S	Topsoil 9; blue clay 72; hardpan 77; black shale 82. Water at 77.
Con IV " 17	"	"	July 22, 1967	4						Topsoil 10; blue clay 73; hardpan 77; black shale 81. Dry hole.
Con IV " 17	"	"	Sep. 9, 1967	4	4	65	30	"	D	Topsoil 10; blue clay 76; hardpan 80; black shale 88. Water at 80.
Con IV " 30	L.Janicke	R.Dolphin	Oct. 1, 1964	4	10	25	12	"	D,S	Red clay 10; blue clay 55; hardpan 58; gravel 61; black shale. Water at 58 and 61.
Con IV " 30	"	"	Nov. 20, 1964	4	3	35	18	"	D,S	Yellow clay 12; blue clay 55; hardpan 62; black shale. Water at 62.
Con V " 16	J.Sylvester	L.Rawson	May 22, 1964	4	6	30	27	"	D	Topsoil 12; blue clay 58; hardpan 59; black shale 63. Water at 59.
Con V " 16	B.Taylor	"	Jan. 5, 1965	4 1/2	5	35	27	"	D	Topsoil 12; blue clay 56; hardpan 60; black shale 62. Water at 60.
Con V " 16	J.Sauve	W.Weatherstone & D.Williams	Nov. 22, 1965	6	1		30	"	D	Brown clay 14; blue clay 57; black stony clay 58. Water at 58.
Con V " 16	S.Cox	H.A.Brandon	May 23, 1966	4	10	33	23	"	D	Red clay 14; blue clay 58; black shale 80. Water from 58 to 80.
Con V " 16	L.Wagner	"	Aug. 8, 1966	4	10	44	32	"	D	Hard red clay 20; blue clay 62; black shale 68. Water at 62.
Con V " 16	J.Williams	"	Aug. 16, 1966	4	10	40	30	"	D	Hard red clay 18; blue clay 58; black shale 60. Water at 58.
Con V " 16	W.Lemoine	"	Aug. 26, 1966	4	10	40	30	"	D	Hard red clay 18; blue clay 58; black shale 64. Water at 58.
Con V " 16	"	"	Jan. 9, 1967	4	5	32	32	"	D	Topsoil 8; blue clay 38; gravel 42; blue clay 57; hardpan 59; black shale 60. Water at 59.

LAMBTON COUNTY - cont.  
Enniskillen Twp. - cont.

Con V	lot 16	G.Dawson	E.Morningstar	Sep. 7, 1967	4 1/2	8	30	28	Fresh	D	Yellow clay 11; blue clay 57; black shale 62. Water at 62.
Con V	" 23	L.Brstanek	"	Sep. 3, 1965	5 1/2	10	34	31	"	D,S	Yellow clay 11; blue clay 58; black shale 60. Water at 60.
Con VI	" 15	R.Piggott	"	May 22, 1967	5	16	26	21 1/2	"	D,S	Yellow clay 21; blue clay 62; black shale 64. Water at 63.
Con VI	" 16	W.Core	H.Brandon	Aug. 12, 1964	4	3	50	30	"	D,S	Red clay 25; blue clay 60; black shale 65. Water at 60.
Con VI	" 24	J.Marriott	"	Sep. 27, 1964	"	"	"	"	"	"	Red clay 17; blue clay 67; black shale 87. Dry hole.
Con VI	" 24	"	"	Sep. 29, 1964	4	"	"	"	"	"	Red yellow clay 18; blue clay 67; black shale 70. Dry hole.
Con VI	" 24	"	"	Sep. 30, 1964	4	5	25	15	Fresh	D,S	Red clay 18; blue clay 67; black shale 85. Water from 67 to 85.
Con VI	" 25	J.Elliott	R.Dolphin	June 12, 1964	4	5	40	22	"	D,S	Yellow clay 9; blue clay 35; hardpan 41; gravel 44. Water from 41 to 44.
Con VI	" 25	"	H.Brandon	Nov. 25, 1965	4	"	"	"	"	"	Yellow clay 16; blue clay 41; hardpan 45; black shale sand 55. Dry hole.
Con VI	" 25	"	"	Nov. 29, 1965	4	"	"	"	"	"	Yellow clay 12; blue clay 42; hardpan 45; gravel 47; black sand 48. black shale 64. Dry hole.
Con VI	" 25	"	"	Nov. 30, 1965	4	"	"	"	"	"	Yellow clay 14; blue clay 40; hardpan 42; black sand 44; black shale 47. Dry hole.
Con VI	" 25	"	"	Dec. 1, 1965	4	5	10	29	Fresh	N	Yellow clay 16; blue clay 42; blue clay sand 42; black shale 48. Water at 48. Abandoned due to black sand.
Con VI	" 25	"	"	Dec. 4, 1965	4	"	"	"	"	"	Yellow clay 12; blue clay 43; hardpan 45; black shale 50. Dry hole.
Con VI	" 25	"	"	Dec. 14, 1965	4	5	40	30	Fresh	D,S	Yellow clay 13; blue clay 41; hardpan 43; black sand 44; black shale 49. Water at 45.
Con VI	" 25	C.Metcalf	"	July 4, 1966	4	1	87	27	"	N	Red clay 17; blue clay 67; black shale 87. Water at 67.
Con VI	" 25	"	"	July 5, 1966	4	1	87	27	"	N	Red clay 17; blue clay 67; black shale 87. Water at 67.
Con VI	" 25	"	"	July 6, 1966	4	1	87	27	"	N	Red clay 17; blue clay 67; black shale 87. Water at 67.
Con VI	" 25	"	"	July 7, 1966	4	1	87	27	"	N	Red clay 17; blue clay 67; black shale 87. Water at 67.
Con VII	" 7	R.Burnard	E.Morningstar	Aug. 1, 1965	5 1/2	"	"	"	"	"	Yellow clay 11; blue clay 68; black shale 137; dark grey limestone 195; soapstone 200. Dry hole.
Con VII	" 7	"	"	Aug. 8, 1965	5 1/2	"	"	"	"	"	Yellow clay 12; blue clay 68; black shale 73. Dry hole.
Con VII	" 7	"	"	Aug. 15, 1965	5 1/2	"	"	"	"	"	Yellow clay 11; blue clay 68; black shale 71. Dry hole.
Con VII	" 25	E.Osborne	H.Brandon	Dec. 21, 1964	4	15	25	15	Fresh	D	Red clay 12; blue clay 62; black shale 65. Water from 62 to 65.
Con VII	" 28	H.Taylor	"	Dec. 2, 1965	4	16	31	31	"	D,S	Red clay 12; blue clay 58; gravel 61; black shale 64. Water at 60.
Con VIII	" 14	W.Douglas	"	May 19, 1966	4	10	70	27	"	D,S	Red clay 14; blue clay 70; black shale 85. Water from 70 to 85.
Con IX	" 6	A.Hamilton	F.Jackson & Son	Mar. 16, 1966	5	2	60	22	Sulphur	D	Subsoil clay 2; hardpan 12; blue clay 52; black shale 64. Water 61.
Con IX	" 6	"	"	Mar. 17, 1966	5	"	"	"	"	"	Subsoil clay 2; yellow clay 12; blue clay 52; black shale 64. Dry hole.
Con IX	" 6	"	"	Mar. 18, 1966	5	"	"	"	"	"	Topsoil clay 2; yellow clay 10; blue clay 27; black shale 37. Dry hole.
Con IX	" 6	"	"	Mar. 21, 1966	5	"	"	"	"	"	Topsoil clay 2; hardpan 10; blue clay 39; black shale 49. Dry hole.
Con IX	" 16	E.Rieder	L.Bawson	July 17, 1967	7	"	"	"	"	"	Topsoil 9; blue clay 60; black shale 65. Dry hole.
Con IX	" 19	R.Welch	H.Brandon	Dec. 16, 1964	7	5	24	15	Fresh	D,S	Red clay 18; blue clay 67; black shale 72. Water from 67 to 72.
Con X	" 10	N.Manluk	F.Jackson & Son	Sep. 15, 1965	4	12	52	52	Sulphur	D	Hardpan 15; blue clay grit 90; dark grey clay grit 99; hard limestone 104. Water at 102.
Con X	" 17	W.Jacques	S.Earl	July 27, 1966	4	1 1/2	66	22	Fresh	In	Clay 64; black shale 77; grey shale 78. Water at 64.
Con X	" 17	"	"	July 30, 1966	4	1	65	22	"	N	Clay 66; black shale 79. Water at 66.
Con X	" 22	W.Wilson	S.Atkinson	Dec. 16, 1964	6	5	45	30	"	S	Topsoil 1; yellow clay 10; blue clay 57 1/2; shale gravel 61 1/2; grey rock 62. Water at 62.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
LANE COUNTY - cont.										
Ennskillen Twp.-cont.										
Con X lot 26	M.Scott	C.Webster	Mar.31,1964	6	2	48	20	Fresh	D	Topsoil 4;blue clay 56;black shale 57. Water at 57.
Con X " 26	M.Reid	R.Thrower	Aug.11,1967	4 1/2	4	40	25	"	D,S	Topsoil 5;blue clay 57;gravel 60. Water from 57 to 60.
Con X " 27	M.Chalmers	S.Atkinson	Nov. 3,1964	4						Topsoil 1;yellow clay 18;blue clay 55;grey shale 58. Dry hole
Con X " 27	"	"	Dec.14,1964	4						Topsoil 1;yellow clay 15;blue clay 55;grey shale 62. Dry hole
Con X " 27	"	"	Jan.12,1966	4	5	20	18	Fresh	D	Topsoil 1;yellow clay 15;blue clay 56;grey shale 62. Water at 57.
Con XI " 4	L.Slack	H.Brandon	Jan.11,1965	4	3	30	22	"	S	Red clay 18;blue clay 112;black shale 115. Water at 113.
Con XI " 4	"	"	Oct.19,1965	4	20	70	24	"	N	Red clay 14;blue clay 114;hardpan 115;black shale 120. Water at 115.
Con XI " 22	J.Strangway	Mandley Drlg.Co	May 10,1965	10	16	40	30	"	N	Blue clay 88;coarse gravel 68;grey shale sandstone 150;black shale 202;grey shale limestone 406. Water at 68, 85 and 90.
Con XI " 26	R.Lucas	Dolphin & Earl	June17,1964							Yellow clay 11;blue clay 55;black shale 68. Dry hole.
Con XII " 6	S.Zavitz	C.Webster	Dec. 6,1967	10						Sandy loam 5;yellow clay 12;blue clay 118. Dry hole.
Con XII " 6	"	"	Dec. 6,1967	10						Sandy loam 5;yellow clay 13;blue clay 115;rock. Dry hole.
Con XII " 6	"	E.Morningstar	Aug.28,1967	4						Sandy loam 1;yellow clay 12;blue clay 118;limestone bedrock 155. Dry hole.
Con XII " 15	H.Ellenor	H.Brandon	June18,1965	4	1/2		15	Fresh	N	Red clay 12;gravel 13;blue clay 82;hardpan 84;black shale 103. Water at 84.
Con XII " 15	"	"	June21,1965	4						Red clay 14;blue clay 82;hardpan 84;black shale 88. Dry hole.
Con XII " 24	K.Drope	L.Rawson	Aug.18,1964							Topsoil 10;blue clay 63;black shale 70. Dry hole. Dry hole.
Con XII " 24	"	"	Mar. 6,1966	4						Topsoil 9;blue clay 60;hardpan 63;black shale 69. Dry hole.
Con XII " 24	"	"	Mar.10,1966	4 1/2	1/2	56	56	Fresh	D	Topsoil 9;blue clay 60;hardpan 63;black shale 73. Water at 63
Con XII " 24	"	"	June13,1966	4	2	57	57	"	D	Topsoil 10;blue clay 62;black shale 65. Water at 62.
Con XII " 26	J.Stonehouse	"	July12,1965	4						Topsoil 14;blue clay 54;hardpan 58;black shale 60. Dry hole.
Con XII " 26	"	"	July14,1965	4	1	54	40	"	D,S	Topsoil 14;blue clay 55;sand 57;black shale 60. Water at 57.
Con XII " 26	"	"	Sep. 6,1965	4	2	55	45	"	D,S	Topsoil 10;blue clay 55;black shale 60. Water at 55.
Con XIII " 18	R.Cochrane	C.Webster	Sep.28,1964	6						Top clay 1;blue clay 60. Dry hole.
Con XIII " 18	"	L.Rawson	July 2,1966	4						Topsoil 10;blue clay 35;black shale 40. Dry hole.
Con XIV " 1	J.Vokes	"	Feb. 1,1964	4						Topsoil 14;blue clay 137;shale clay 142;limestone 155. Dry hole.
Con XIV " 5	T.Fahselt	"	Jan.22,1964	4	10	42	42	Fresh	D	Topsoil 16;blue clay 185;hardpan 187;limestone 190. Water at 187.
Con XIV " 14	F.McCormick	"	June22,1967	4						Topsoil 15;blue clay 108;black shale 129;limestone 141. Dry hole.
Con XIV " 14	"	"	June27,1967	4						Topsoil sand gravel 12;blue clay 118;black shale 125. Dry hole.
Con XIV " 14	"	"	Oct.13,1967	4						Topsoil 10;blue clay 117;black shale 125. Dry hole.
Con XIV " 17	J.Fraser	"	June23,1966	4	10	18	7	Fresh	D	Topsoil 14;blue clay 27;sand 28;gravel 30. Water from 27 to 30.
Con XIV " 17	P.Mernik	"	Nov.12,1966	4	3	18	10	"	D	Topsoil 10;blue clay 26;gravel 27 1/2. Water at 26.
Con XIV " 20	R.Poort	Dolphin & Earl	Oct.29,1965	4	2	14	13	"	D	Yellow clay 15;blue clay 66;hardpan 76;gravel 78. Water from 76 to 78.
Con XIV " 21	J.McMillan	Ashburn & Weston	Apr.14,1967	7						Topsoil 2;yellow clay 18;blue clay 69;gravel 71;brown shale 87. Dry hole.

LAMETON COUNTY - cont.

Euphemia Twp.

Con I	lot 16	W. North	W. Marsh	Sep. 2, 1966	5	5	35	20	Sulphur	D	Brown clay 15; grey clay stones 37; muddy hardpan 41; black shale 43. Water at 42.	
Con I	" 16	"	"	Sep. 29, 1966	5	2	10	30	Fresh	D, S	Sand 3; red clay 12; clay stones 48; hardpan 52; shale 70. Water at 58.	
Con I	" 16	W. Yacks	R. Simpson	Mar. 1, 1966	4	3	31	31	Sulphur	D	Topsoil 2; yellow sand 6; blue clay 31; hardpan 36; black shale 42. Water at 36.	
Con I	" 16	J. Wilkinson	W. Marsh	Aug. 22, 1966	5						Sand 6; clay stones 21; soft clay 36; hardpan 37; black shale 62; grey shale 70; top rock 110; soapstone 113. Dry hole. Gas.	
Con I	" 16	"	"	Sep. 9, 1966	4	5	35	20	Sulphur	D	Clay stones 38; hardpan 39; black shale 54. Water at 51.	
Con I	" 17	G. Osborne	R. Simpson	Aug. 5, 1966	4	5	33	30	"	D	Topsoil 4; yellow clay 7; blue clay 30; hardpan 34; black shale 40. Water at 34.	
Con I	" 20	R. Maynard	"	Sep. 2, 1966	4						Topsoil 4; yellow clay 46; black shale 50. Dry hole.	
Con I	" 30	R. Mater	W. Weatherstone & D. Williams	Sep. 27, 1966	6						Brown clay 12; blue clay 61; black gritty clay 62. Dry hole.	
Con I	" 30	"	"	Oct. 15, 1966	6	4	31	18	Fresh	D, S	Brown clay 13; blue clay 60; black gravel stones 62. Water from 60 to 62.	
Con II	" 16	W. Lawson	W. Marsh	Dec. 26, 1966	6½					D, S	Red sand 5; grey clay stones 39; muddy hardpan 51; grey shale 60; black shale 102; top rock 134. Dry hole.	
Con II	" 16	"	"	Mar. 23, 1967	6½						Clay 41; soft shale 52; black shale 57. Dry hole.	
Con II	" 16	"	"	Sep. 5, 1967	6½						Clay 37; soft shale 45; hard black shale 51. Dry hole.	
Con II	" 16	"	"	Sep. 9, 1967	6½	25	26	24	Fresh	D, S	Sand 7; clay 51; hardpan 53; gravel 55. Water at 53.	
Con II	" 16	"	"	Sep. 2, 1967	6½						Clay 37; black shale 84; top rock 136; soapstone 143. Dry hole.	
Con II	" 20	J. Maynard	R. Simpson	Aug. 29, 1966	4						Topsoil 4; blue clay 49; black shale 52. Dry hole.	
Con II	" 20	"	"	Aug. 31, 1966	4	4	35	22	Fresh	D, S	Topsoil 4; blue clay 48; gravel 49; black shale 50. Water at 48.	
Con II	" 24	T. Sharp	S. Earl	Feb. 10, 1964	4½						Sand 5; gravel 9; clay 42; black shale 47. Dry hole.	
Con II	" 24	"	"	Feb. 11, 1964	4½						Sand 4; gravel 13; clay 49; black shale 56. Dry hole.	
Con II	" 24	R. Elliott	"	July 16, 1965	4	5	50	50	Fresh	D	Sand 11; clay 54; black shale 57. Water at 55.	
Con II	" 24	T. Sharpe	R. Simpson	Nov. 25, 1966	4	5		44	Sulphur	D, S	Sand gravel 14; blue clay 48; black shale 51. Water at 48.	
Con II	" 24	"	"	Nov. 23, 1966	4						Sand gravel 14; blue clay 48; black shale. Dry hole.	
Con III	" 19	J. Gartner	S. Earl	June 30, 1964	4½	8½	80	50	Fresh	N	Sand 8; clay 50; grey shale 70; black shale 118; grey shale 124. Water at 80.	
Con III	" 19	"	"	July 7, 1964	4½	2	80	45	"	D	Sand 8; clay 45; hardpan 46; blue grey shale 72; black shale 117; grey shale 148. Water at 148.	
Con III	" 19	"	"	Oct. 24, 1964	4½						Clay 5; sand 7; clay 47; hardpan 56; black shale 73; blue black shale 118; grey shale 173. Dry hole.	
Con III	" 19	"	"	Oct. 27, 1964	6½						Sand 9; clay 50; black shale 56. Dry hole.	
Con III	" 28	D. Gray	W. Weatherstone & D. Williams	Oct. 24, 1964	6				Flows	Fresh	S	Top clay 7; blue clay 32; black coarse gravel 34. Water at 34.
Con III	" 32	W. Stevenson	Dolphin & Earl	July 7, 1965	4	5	19	19	"	D	Yellow clay 15; blue clay 63; gravel 64. Water at 63.	
Con IV	" 20	P. Rich	R. Simpson	Aug. 25, 1966	4	2½	50	17	"	D, S	Topsoil 2; yellow clay 12; blue clay 62; medium sand 63; shale 64. Water at 62.	
Con IV	" 20	"	"	Aug. 24, 1966	4						Topsoil 2; yellow clay 12; blue clay 63; shale 65. Dry hole.	
Con IV	" 25	P. & D. Krysiuk	W. Marsh	Oct. 1, 1965	6½	7	65	25	Sulphur	D, S	Sand 5; clay silt 40; hardpan 43; shale black 45; limestone 72. Water at 58 and 65.	
Con IV	" 23	R. & C. Elliott	S. Earl	Feb. 7, 1964	4½	10	22	20	Fresh	D	Sand 4; clay 41; hardpan 43; broken black shale 45½. Water from 43 to 45.	
Con IV	" 25	D. Kaysiuk	W. Marsh	May 23, 1966	6½	7	38	24	Sulphur	D, S	Red sand 2; brown clay 42; hardpan 44; black shale 51. Water at 47.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
LAMBTON COUNTY - cont. Euphemia Twp. - cont.										
Con V lot 20	G. Chambers	E. McGaffey	June 9, 1962	4			Flows	Fresh	S	Previously drilled 42; hardpan 45; top rock 49. Water at 49.
Con V " 20	F. Rolston	R. Pinsonneault	Aug. 17, 1966	4	4 1/2	40	15	"	D	Topsoil 3; yellow sand 12; brown clay 59; sand 65. Water at 59.
Con V " 25	Euphemia Twp. School Area	S. Earl	July 17, 1964	6	8	70	16	"	P	Sand 4; clay 54; black shale 58; grey shale 90. Water at 79.
Con V " 25	"	"	July 10, 1964	6	1 1/2	50	45	Sulphur	N	Sand 4; clay 47; stony clay 49; hardpan 56; grey shale 72. Water at 63.
Con VI " 25	F. McClung	"	Aug. 3, 1964	4 1/2	15	10	10	Fresh	D	Clay 54; black shale 62. Water from 55 to 60.
Con VI " 31	H. Elsom	"	Aug. 5, 1964	4 1/2				"	"	Clay 58; hardpan 60; black shale 81. Dry hole.
Con VIII " 30	G. Nebesnuik	W. Marsh & Sons	May 4, 1964	5	8	50	17	"	D	Red sand 4; grey sand 10; clay 65; clay stones 70; gravel 72. Water at 70.
Con IX " 17	J. McMaster	"	June 24, 1967	5	3	21	8	"	D, S	Red sand 5; grey sand 28; grey clay 74; sandy hardpan 80; clay stones 91; sand fine gravel 94; hardpan 97. Water from 91 to 94.
Con X " 20	K. Gaputis	Hadco Well Digging Ltd.	May 4, 1964	30	1		6	"	D, S	Topsoil 1; brown sand 15; blue clay 30. Water at 6.
Con X " 21	H. McMaster	W. Marsh & Sons	Apr. 24, 1967	4	3	95	7	"	D, S	Sand 12; clay 77; hardpan 89; top rock 102. Water at 80 and 100.
Con X " 27	C. Hillman	Dolphin & Earl	Nov. 8, 1966	4				"	"	Sand 6; yellow clay 72; blue clay 80; hardpan gravel 98; top rock 100. Dry hole.
Con X " 27	"	"	Nov. 8, 1966	4	5	18	Flows	"	D, S	Yellow clay 10; blue clay 60; hardpan 75; top rock. Water at 75.
Con X " 31	J. Mahovich	W. Marsh	Jan. 20, 1964	5	2	60	11	"	D, S	Sand 27; clay 69; gravel 72. Water at 69.
Con XI " 23	A. Atwell	Dolphin & Earl	Mar. 24, 1964	4	5	30	7 1/2	"	D, S	Sand loam 8; yellow clay 14; blue clay 70; hardpan 84; soft rock 90; hard rock 91. Water at 91.
Con XI " 25	L. Moss	W. Marsh	Oct. 6, 1967	6 1/2	4	80	7	"	D, S	Sand 14; clay stones 78; hardpan 88. Water at 77.
Con XI " 30	H. Watterworth	Dolphin & Earl	Apr. 1, 1964	4	5	35	12	"	D, S	Sand 20; clay 70; hardpan 78; gravel 80; black shale. Water from 78 to 80.
Forest, Town of										
	Forest Public Utilities	A. Heal	Aug. 10, 1964	6 1/2	27	87	72	Fresh	P	Topsoil gravel 7; yellow clay 14; blue clay 109; hardpan 112; black shale 128; gas at 112. Water from 109 to 112.
	"	"	Oct. 8, 1965	6	6	114 1/2	68	"	N	Yellow topsoil 12; blue clay 101; hardpan 104 1/2; black shale 114 1/2. Water at 101 and 104 1/2.
	"	"	Oct. 30, 1965	8	25	80	80	"	P	Topsoil gravel 11; blue clay 113; hardpan 114; black shale 156; limestone 162; grey shale limestone 250. Water at 112 and 113.
	"	"	Nov. 22, 1965	8	20	38	38	"	P	Topsoil gravel 9; blue clay 106; hardpan 107 1/2; black shale 148; grey shale limestone 245. Water from 106 to 108.
Grand Bend Village										
	G. C. Andrew	W. Hopper & Sons	July 18, 1965	4	10	45	35	Sulphur	C	Hardpan 18; blue clay 90; grey rock 118. Water from 110 to 118.
Moore Twp.										
Con I lot 15	B. Bradshaw	Wade's	Oct. 27, 1965	4						Yellow clay 15; blue clay 65; blue clay gravel 120; grey shale 135; gas sand 137; sand 146; black shale 165. Dry hole.
Con I " 15	"	"	Oct. 19, 1965	4						Yellow clay 15; blue clay 50; grey clay 142; hardpan 145; black shale 164. Dry hole.

LAMBERTON COUNTY - cont.  
Moore Twp. - cont.

Con I	lot 15	B. Bradshaw	Wade's	Nov. 2, 1965	4	7	31	31	Fresh	D	Yellow clay 15; blue clay 50; grey clay 110; grey clay fine gravel 130; hardpan 137; gas 140; sand 148; black shale 160. Water at 157.
Con I	" 19	W. Tice	"	July 11, 1967	4						Yellow clay 10; blue clay 142; hardpan 147; black shale 170. Dry hole.
Con II	" 1	E. Brown	"	Dec. 15, 1967	4						Yellow clay 8; blue clay 57; hardpan 59; black shale 88. Dry hole.
Con II	" 1	"	"	Dec. 20, 1967	4	3	65	33	Sulphur	D, S	Yellow clay 10; blue clay 30; grey clay 57; hardpan 59; black shale 65. Water at 62.
Con III	" 10	M. Newman	"	Dec. 21, 1964	4	2	32	32	Fresh	D, S	Yellow clay 15; blue clay 105; sand gravel 120; black shale 130. Water at 119.
Con III	" 12	K. Vansickle	H. Brandon	Oct. 27, 1965	4						Red clay 14; blue clay 124; hardpan 126; black sand shale 132; black shale 133. Dry hole.
Con III	" 12	"	"	Oct. 31, 1965	4	20	70	28	Fresh	D, S	Red clay 14; blue clay 55; sand gravel 62; blue clay 126; hardpan 128; black shale sand 131. Water at 128.
Con III	" 27	H. McLaughlin	M. Bullock	Oct. 11, 1966	2	2	65	55	"	D	Black clay loam 2; grey clay 95; grey clay sand 98; black hardpan 99; fine black white sand 102. Water at 101.
Con IV	" 7	G. Dawson	Wade's	Apr. 6, 1967	4	3	105	89	"	D	Sandy clay 2; yellow clay 8; blue clay 50; grey clay 105; hardpan 110; grey limestone 114; black shale 118. Water at 114.
Con IV	" 13	B. Poland	"	May 19, 1967	4	5	55	38	"	D, S	Previously drilled 122; sand muck 124; black shale 147. Water at 124.
Con IV	" 16	F. Shaw	S. Atkinson	Sep. 13, 1966	4	1 1/2	115	85	"	D	Topsoil 1; yellow clay 10; blue clay 125; blue clay shale 130; shale fine sand gravel 134; fine shale 135; black coarse shale 145. Water from 130 to 134 and at 145.
Con IV	" 24	S. Majewski	D. Simpson	May 21, 1964	4						Topsoil 1; clay 154; shale 167. Dry hole.
Con IV	" 26	L. McLaughlin	Wade's	Sep. 3, 1964	4						Yellow clay 10; blue clay 70; grey clay 122; hardpan 135; soft fine sand 145; hardpan 148; hardpan sand 158. Dry hole.
Con IV	" 26	"	"	Sep. 11, 1964	4						Yellow clay 10; blue clay 70; grey clay 122; hardpan 131; soft sand 142; hard sand 150; grey shale 153. Dry hole.
Con V	" 7	Vlg. of Brigden	S. Atkinson	Aug. 28, 1964	4						Yellow clay 6; blue clay 109; hardpan 111; gravel 113; black shale 122.
Con V	" 7	"	"	Aug. 20, 1964	4						Yellow clay 9; blue clay 114; hardpan 115; black sand 115 1/2; black shale 120; hard rock 121; coarse black shale 128; hard rock 130; coarse black shale 138; hard rock 139. Abandoned.
Con V	" 9	"	"	June 16, 1965	10	5	90	69	Fresh	P	Topsoil 1; blue clay 76; blue clay shale 101; shale 102; grey clay 103 1/2; shale 117. Water at 104 1/2.
Con V	" 9	"	"	Sep. 15, 1964	4	5	18	9	"	T	Topsoil 1; blue clay 75; blue clay shale 100; hardpan 102; shale black sand 103. Water at 103.
Con V	" 15	"	H. Brandon	Sep. 2, 1964	4					T	Red clay 18; blue clay 110; black shale 113.
Con V	" 15	"	"	Sep. 1, 1964	4					T	Red clay 17; blue clay 108; black shale 111. Dry hole.
Con V	" 28	G. Selman	"	Jan. 15, 1966	4					N	Black loam 3; red clay 8; blue clay 118; gravel 120; sand 125; sand gravel 154; blue limestone 157; sand gravel 164; scapy shale 192. Dry hole.
Con V	" 28	"	"	Feb. 15, 1966	4	6	60	55	Fresh	D, S	Black loam 3; red clay 8; blue clay 15; gravel sand 16; blue clay 114; gravel 120. Water at 114.
Con VI	" 18	R. Wills	"	May 17, 1965	4	7	40	25	"	S	Red clay 22; blue clay 123; gravel 125; sand 126; hardpan 127; gravel 129; black sand 131; black shale 137. Water at 132.
Con VI	" 28	V. Winters	R. Humphrey	Sep. 26, 1967	4	2	147	55	"	D, S	Red clay 18; blue clay 122; sand gravel 157; hardpan 159; sand gravel 191. Water from 159 to 191.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Moore Twp. - cont.										
Con VII lot 11	W.&D.Marsh	L.Rawson	Nov.10,1967	4	3	100	38	Fresh	D,S	Topsoil 13;blue clay 117;hardpan 121;black shale 127. Water at 121.
Con VII " 14	R.Eyre	D.Wade's	May 20,1966	4	5	66	66	"	D	Yellow clay 15;blue clay 131;sand 133;black shale 140. Water at 133.
Con VII " 15	J.Miller	A.Heal	Aug.27,1964	4	$\frac{1}{2}$		42	"	N	Topsoil yellow clay 15;blue clay 134;hardpan 138;black shale 160. Water at 136.
Con VII " 15	"	"	July27,1964	4	2	80	42	"	N	Topsoil yellow clay 15;blue clay 134;fine sand 136;coarse sand 138;black shale 144. Water from 134 to 138.
Con VII " 15	"	"	Aug.31,1964	4	2	60	42	"	D,S	Topsoil yellow clay 15;blue clay 134;black shale gravel 136. Water from 134 to 136.
Con VII " 18	J.Eyre	Wade's	July21,1967	4	10	43	43	"	D	Grey clay 130;hardpan 135;black shale 140. Water at 135.
Con VII " 19	Tecumseh Gas Storage Ltd.	S.Atkinson	July 4,1964	4	8	20	14	"	C	Topsoil 2;yellow clay 17;blue clay 130;hardpan 134;black shale sand 134. Water at 134.
Con VII " 19	"	R.Simpson	Feb. 5,1964	4	3	130	16	"	N	Topsoil 2;yellow clay 14;blue clay 135;loose shale sand 136; black shale 140. Water at 135.
Con VII " 19	"	"	Jan.28,1964	4						Topsoil 3;yellow clay 15;blue clay 135;black shale 137. Dry hole.
Con VII " 19	"	S.Atkinson	June15,1964	4						Topsoil 2;yellow clay 18;blue clay 137;hardpan 138;shale 153. Water at 138.
Con VII " 19	"	R.Simpson	Jan.16,1964	4						Topsoil 2;yellow clay 14;blue clay 134;black shale 152. Dry hole.
Con VII " 19	"	"	Jan.12,1964	4						Topsoil 2;hard yellow clay 14;blue clay 134;black shale 136. Dry hole.
Con VIII " 6	R.Saunders	L.Rawson	Oct.13,1966	4	4	100	35	Fresh	D	Topsoil 121;blue clay 119;hardpan 120;black shale 125. Water at 120.
Con VIII " 14	C.Druett	A.Heal	Sep.30,1966	4	2	85	50	"	D	Topsoil yellow clay 15;blue clay 72;sand 75;blue clay 133; hardpan 134;black shale 137. Water from 133 to 134.
Con VIII " 17	C.Iden	R.Simpson	Apr. 7,1966	4	4	40	30	"	D,S	Topsoil 2;yellow clay 14;blue clay 144;gravel shale 145. Water at 144.
Con VIII " 26	R.Wellington	H.Brandon	July 9,1965	4	10	55	35	"	S	Red clay 22;blue clay 69;gravel sand 72;blue clay 131;blue clay sand 137;hardpan 139;black shale 155. Water at 139.
Con VIII " 26	J.Richmond	"	July23,1965	4	10	48	20	"	D	Red clay 24;blue clay 137;hardpan 138;black sand 140;black shale 146. Water at 140.
Con VIII " 26	"	"	Oct. 6,1965							Red clay 16;blue clay 134;gravel sand 135;black sand 136;hard pan 138;gravel 140;black shale 144. Dry hole.
Con VIII " 26	"	"	Oct. 4,1965							Red clay 18;blue clay 140;hardpan 141;black sand 143;black shale 145. Dry hole.
Con IX " 21	R.Murray Estate	"	Dec. 3,1964	4	20	45	35	Fresh	D,S	Yellow clay 14;blue clay 137;gritty sandy clay 139;black shale 153. Water at 139.
Con IX " 23	L.Smith	S.Atkinson	Dec.14,1965	4	5	34	34	"	D,S	Topsoil 2;yellow clay 15;grey clay 135;shale 138. Water at 135.
Con IX " 26	B.Nisbet	Wade's	June11,1966	$4\frac{1}{2}$						Yellow clay 15;blue clay 137;muck 142;black shale 150. Dry hole.
Con IX " 26	"	"	June22,1966	$4\frac{1}{2}$	$2\frac{1}{2}$	55	40	Fresh	S	Yellow clay 15;blue clay 137;hardpan 142;black shale 150. Water at 142.
Con X " 3	J.Irving	H.Brandon	June28,1966	4	10	37	27	"	D,S	Red clay 14;blue clay 145;black shale 152. Water at 145.
Con X " 6	L.Vandenburgh	L.Rawson	Aug.14,1966	4	5	55	43	"	D	Topsoil 14;blue clay 128;limestone 138. Water at 132.

LAMBERTON COUNTY - cont.  
Moore Twp. - cont.

Con X	lot 15	K.Gurr	Wade's	Mar.18,1965	4	6	36	25	Fresh	D	Yellow clay 10;hardpan 13;blue clay 20;soft grey clay 25;blue clay 140;sand 142;black shale 152. Water at 142.
Con X	" 15	R.Pettit	"	Nov. 6,1965	4	2	80	30	"	D	Yellow clay 15;blue clay 55;grey clay 140;sand hardpan 142;black shale 147. Water at 142.
Con X	" 16	J.Degurse	H.Brandon	Nov. 6,1965	4	20	55	32	"	D	Black loam 2;red clay 26;blue clay 140;hardpan 144;black shale 147. Water at 144.
Con X	" 16	P.Wade	Wade's	June 27,1967	4						Yellow clay 10;blue clay 138;hardpan 141;black shale 147. Dry hole.
Con X	" 16	"	"	July 3,1967	4	70	100	28	Fresh	D	Yellow clay 10;blue clay 140;hardpan 141;black shale 145. Water at 141.
Con XI	" 10	M.Ellis	"	Apr.15,1967	4	5	85	47	"	D	Yellow clay 12;blue clay 55;grey clay 142;gravel 144;black shale 154. Water at 144.
Con XI	" 19	G.Lapier	"	Jan. 8,1965	4	6	48	28	"	D,S	Yellow clay 15;blue clay 139;sand 141;black shale 145. Water at 143.
Con XI	" 22	T.McGlaughlin	"	May 23,1964	4						Yellow clay 15;blue clay 132;hardpan 136;black shale 142. Dry hole.
Con XI	" 22	"	"	May 29, 1964	4						Yellow clay 12;blue clay 50;soft grey clay 132;hardpan 136;black shale 142. Dry hole.
Con XI	" 22	"	"	July 18,1964	4	2	75	40	Fresh	S	Yellow clay 10;blue clay 135;hardpan 141;black shale 153. Water at 141.
Con XII	" 11	J.Gibb	B.Rumphrey	July 28,1967	4	2½	120	50	"	D	Red clay 12;blue clay 87;grey sand 105;blue clay 123;hardpan 125;black shale 129. Water from 87 to 105 and at 125.
Con XII	" 12	J.Sim	Wade's	Feb.11,1965	4	5	27	27	"	D,S	Yellow clay 10;blue clay 125;hardpan 126;black shale 135. Water at 133.
Con XV	" 2	Can.Industries Ltd.	F.Jackson	Mar.31,1965	6½				"	N	Hardpan 12;blue clay 130;quicksand clay 150;gravel 152. Water at 150.
PC	" 14	Ont.Hydro	H.Brandon	Mar.18,1965	4		12½				Blue clay 134;sand gravel 136;gravel 140;blue clay 142;black sand 166;limestone shell 168;limestone soapstone 175;top rock 176. Water from 136 to 140.
PC	" 17	"	"	Apr. 2,1965	4						Red clay 12;blue clay 143;sand 153;gravel 159;blue clay sand 170;limestone shell 172;shale soapstone 176;soapy shale 285;black shale 348. Dry hole.
PC	" 18	"	"	Apr.19,1965	4						Red clay 14;blue clay 95;sand gravel 100;blue clay 135;blue clay sand 148;shale limestone shell 150;soapy shale 267. Dry hole.
PC	" 24	Watson Lumber	"	June 11,1965	4						Red clay 16;blue clay 155;gravel 171;soapy shale 305;black shale 336. Dry hole.
PC	" 39	J.Whitnall	L.Rawson	June 2,1966	4	5	68	61	Fresh	D	Topsoil 14;blue clay 90;hardpan 95;black shale 100. Water at 95.
PC	" 43	H.Payne	A.Heal	Sep.15,1965	4	4	79	52	"	D	Topsoil yellow clay 12;blue clay 48;black gravel 50;blue clay 74;hardpan 76;blue clay 80;black gravel 89;black shale 91. Water from 88 to 89.
PC	" 44	W.McCrimble	H.Brandon	Sep.20,1965	4	8	40	30	"	D	Red clay 17;blue clay 55;gravel clay 62;blue clay 135;grey sand 154;gravel 155;brown sand 160;shaly soapstone 245;black shale 249. Water at 191.
PC	" 47	J.Wallace	D.Wade	June 4,1965	4	4	85	62	"	D	Yellow clay 20;blue clay 146;hardpan 170;black shale 180. Water at 167.
PC	" 47	"	"	May 20,1965	4						Yellow clay 15;grey clay 60;sand gravel 63;grey clay 145;hardpan 170;black shale 190. Dry hole.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Moore Twp. - cont.										
PC lot 48	R. Nantais	Wade's	Jan. 24, 1964	4	5	52	52	Fresh	D	Yellow clay 26; blue clay 145; hardpan 164; soft black shale 175. Water at 164.
PC " 48	"	"	Jan. 9, 1964	4						Yellow clay 16; blue clay 143; hardpan 166; black shale 190. Dry hole.
PC " 52	R. Skelton	"	Jan. 7, 1964	4	1	145	55	Fresh	D	Yellow clay 20; blue clay 134; blue clay gravel 140; hardpan sand 148; black shale 156. Water from 148 to 150.
Oil Springs, Village	L. Kelly D. Strevel	C. Webster	Oct. 21, 1964 Apr. 25, 1964	6 6	2 1/2 3	27 30	29 57	Fresh "	D, S D	Topsoil 4; blue clay 72; black gravel shale 72 1/2. Water at 72. Topsoil 3; blue clay 56; black shale gravel 57 1/2. Water at 57 1/2.
Petrolia, Town	H. Bradley Dunlop Transport	F. Jackson H. Brandon	Aug. 18, 1965 Sep. 23, 1965	4 4	8 17	85 40	50 24	Sulphur Fresh	D C	Clay subsoil 3; hardpan 15; blue clay 97; limestone 115. Water at 99. Topsoil 2; red clay 12; blue clay 82; hardpan 83; gravel 84; black shale 85; top rock 89. Water at 84.
Plympton Twp.										
Con I lot 18	J. Vanschyndel	S. Earl	Apr. 7, 1964	4 1/2						Clay 85; black shale 95. Dry hole.
Con I " 24	L. Smith	F. Jackson & Son	July 7, 1965	5	2	55	24	Fresh	D	Fill 2; sand hardpan 15; blue clay grit 70. Water at 70.
Con I " 26	H. Smith	"	July 8, 1965							Fill hardpan 15; blue clay grit 65. Dry hole.
Con I " 26	S. Smith	"	Oct. 26, 1967	5	1	75	20	"	D	Black loam clay 2; yellow hardpan 12; blue clay stones 64; black shale 80. Water at 64.
Con I " 26	"	"	Oct. 25, 1967	5						Clay loam 3; hardpan 12; blue clay stone 63; black shale 80. Dry hole.
Con I " 29	O. Johnson	A. Heal	Nov. 25, 1967	5	1	66	25	Fresh	D	Topsoil yellow clay 15; blue clay 57 1/2; black shale 67. Water at 57 1/2.
Con II " 1	H. Ford	S. Atkinson	Oct. 20, 1966	5	5	50	35	"	D, S	Topsoil 1; yellow clay 14; blue clay 147; hardpan 150; blue clay 157; grey rock 165. Water at 157.
Con II " 4	J. Brooks	L. Rawson	May 28, 1966	4 1/2	5	45	27	"	D	Topsoil 14; blue clay 155; hardpan 157; limestone 160. Water at 157.
Con II " 21	G. Smith	F. Jackson	Apr. 17, 1965	5	2	63	53	"	D	Hardpan sand 10; blue clay grit 60; coarse gravel 68. Water at 68.
Con II " 26	H. Dolber	C. Thrower	Dec. 20, 1964	4	Flows	Flows	Flows	"	S	Blue clay 25; gravel streaks 26; blue clay 42; black shale 45. Water from 42 to 45.
Con III " 16	R. Corestine	L. Rawson	May. 27, 1967	4	6	33	33	"	D	Topsoil 14; blue clay 120; hardpan 122; black shale 126. Water at 122.
Con IV " 2	G. Archer	F. Jackson	July 28, 1966	5	18	30	15	"	D	Clay topsoil 2; hardpan 15; blue clay 120; black shale 128. Water at 125.
Con IV " 19	A. Verbeek	"	Nov. 25, 1967	5						Hardpan grit 10; blue clay grit 107; black shale 125. Dry hole.
Con IV " 24	C. Annett	L. Rawson	Aug. 27, 1964	4 1/2	5	45	29	Fresh	D	Topsoil 14; blue clay 70; gravel 74. Water from 70 to 74.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Plympton Twp. - cont. Con VII lot 6	D.Kerrigan	F.Jackson	May 18,1964	4						Clay topsoil 2;hardpan 15;blue clay 115;black shale 120. Dry hole.
Con VII " 6	"	"	May 15,1964	4						Hardpan topsoil 15;blue clay 118;black shale 124. Dry hole.
Con VII " 20	A.Verhoven	R.Hudson	June 30,1967	36						Blue clay 80;sand 81;rock. Water at 81.
Con VII " 20	"	A.Heal	Mar.10,1967		40	85	8	Fresh	D	Yellow topsoil 15;blue clay 78;hardpan 80;black shale 86. Water from 79 to 80.
Con VII " 20	"	"	Mar.13,1967	4	1/2	85	8	"	D	Yellow topsoil 15;blue clay 40;gritty clay 53;blue clay 76;hardpan 78;black shale 84. Water from 78 to 84.
Con VIII " 6	H.Jackson	A.Heal	Aug. 7,1965	4	4	70	30	"	D,S	Topsoil yellow clay 15;blue clay 110;fine sand 111;black shale 114 1/2. Water from 110 to 111.
Con VIII " 10	A.Kirkham	F.Jackson & Son	Oct.31,1966							Hardpan 15;blue clay 30;black gravel clay 45;blue clay grit 103;black rock 113. Dry hole.
Con VIII " 16	M.Burnley	"	July 12,1965	5	3	65	11	Fresh	D	Clay topsoil 2;hardpan 10;blue clay 65;hardpan false rock 73;black rock 77. Water at 73.
Con IX " 19	W.Wright	"	Oct.14,1965	5	12	27	20	"	D	Sub soil hardpan 10;blue clay 77;black shale rock 79. Water at 78.
Con IX " 14	J.Brandon	H.Brandon	Aug. 4,1965	4						Red clay 23;blue clay 73;gravel 78;limestone 80;gravel 81;hardpan 83;black shale 89. Dry hole.
Con IX " 14	"	"	Aug.10,1965	4	20	50	27	Fresh	D,S	Red clay 17;blue clay 72;gravel 73;limestone 82;hardpan 85;black shale 87. Water at 85.
Con IX " 22	R.Smith	M.Ward	Jan. 6,1966	4	4	16	14	"		Yellow topsoil 15;blue clay 55;hardpan 88 1/2;black shale 98 1/2. Water from 77 to 88.
Con X " 12	Egermont Holdings	F.Jackson & Son	Aug.20,1966							Hardpan 15;soft blue clay 82;hard blue clay grit 91;black shale 101. Dry hole.
Con X " 12	"	"	Aug.23,1966	8	2	96	44	Fresh	P	Hardpan 15;blue clay 85;black sand gravel 91;black shale 96. Water at 96.
Con X " 18	A.McKinlay	"	Oct.13,1965	5	10	35	10	"	D,S	Sub soil stone 10;blue clay 70;black shale 71. Water at 70.
Con XI " 12	W.Pearson	L.Rawson	Nov.24,1964	4 1/4					N	Topsoil 14;blue clay 96;hardpan 100;black shale 103. Water at 100.
Con XI " 12	"	F.Jackson	July 22,1965	4						Hardpan grit 15;blue clay black gravel 98;black shale 102. Dry hole.
Con XI " 12	"	"	July 23,1965	4	3	55	18	Fresh	D,S	Hardpan grit 15;blue clay grit 70;black shale 72. Water at 70.
Con XI " 14	W.Douglas	G.Hussey & Son	Dec. 1,1966	4	8	50	30	"	D	Brown clay 10;blue clay 98;black shale 101. Water at 98.
Con XI " 19	R.Smith	A.Heal	Sep. 6,1966	4	1 1/2	86	20	"	D,S	Topsoil yellow clay 10;blue clay 84;hardpan 86;black shale 90. Water from 83 to 85.
Con XI " 19	"	"	Oct.30,1967	4	3	22	18	"	D	Topsoil 9;blue clay 15;blue clay 82;hardpan 88;black shale 91. Water from 83 to 85.
Con XI " 21	E.Cornelius	"	Sep.24,1964							Yellow topsoil 15;blue clay 88;hardpan 88 1/2;black shale 99. Dry hole.
Con XI " 21	"	"	Sep.28,1964	4	1 1/2	95	35	Fresh	D,S	Yellow topsoil 15;blue clay 86 1/2;hardpan 87;black shale 97. Water from 86 1/2 to 87.
Con XI " 22	"	"	Apr.16,1966	4	7	22	17	"	D,S	Yellow topsoil 14;blue clay 81 1/2;hardpan 90;black shale 93. Water from 83 to 90.
Con XI " 22	"	"	May 14,1966							Yellow topsoil 14;blue clay 67;boulders 69;clay 81;hardpan 90;black shale 95. Dry hole.
Con XI " 22	"	"	May 20,1966	4	7	25	17	Fresh	D,S	Yellow topsoil 14;blue clay 82;hardpan 91;black shale 92. Water from 83 to 90.
Con XII " 26	D.Gardner	"	July 7,1966	4						Yellow topsoil 14;blue clay 76;muddy hardpan 87;black shale 95. Dry hole.

LAMBERTON COUNTY - cont.  
 Plympton Twp. - cont.  
 Con XIII lot 30

FLH		C.Vroom	A.Heal	Aug.10,1964	4	4	81	80	Fresh	D	Yellow topsoil 16;blue clay 102½;hardpan 105;black shale 111. Water at 103.
FLH		H.Tresidder	"	June 2,1966	4	2	75	63	"	D	Yellow topsoil 14;blue clay 83;hardpan 87;black shale 91. Water from 83 to 87.
FLH	lot 19	Dr.A.McKinley	L.Rawson	July 4,1964	4½	8	55	35	"	D	Topsoil 12;blue clay 95;hardpan 98;black shale 100. Water at 98.
FLH	" 19	"	"	July18,1964	4½	10	27	27	"	D,S	Topsoil 12;blue clay 101;hardpan 103;black shale 138. Water at 103.
FLH	" 23	C.Goad	A.Heal	July15,1966	4	2	105	43	"	D	Yellow topsoil 14;blue clay 92;gritty clay 104;hardpan 105; black shale 129. Water at 105.
FLH	" 23	A.Johnson	"	June12,1967	4	2		43	"	D	Yellow topsoil 16;blue clay 103;hardpan 105;black shale 133. Water at 104.
FLH	" 28	C.Sutton	F.Jackson & Son	Dec.19,1967	5	5	110	43	"	D	Yellow hardpan stone 15;blue clay grit 103;gravel 104;black grey shale 129.
FLH	" 31	A.McCurdy	"	Nov. 4,1964	4						
FLH	" 31	W.Ireland	E.Hussey	Nov. 4,1964	4	5	64	64	Fresh	D	Subsoil hardpan 14;blue clay 100;black shale 110. Dry hole. Yellow clay 12;blue clay 80;mild hardpan 97;black shale 100. Water from 99 to 100.
FLH	" 38	F.Novack	L.Rawson	June 5,1964	4	5	72	67	"	D	Topsoil 12;blue clay 102;hardpan 107;black shale 110. Water at 107.
FLH	" 38	D.Fontella	"	June 8,1965	4	5	62	62	"	D	Topsoil 14;blue clay 97;hardpan 102½;black shale 105. Water at 102½.
FLH	" 38	R.Cataford & S.McHenry	"	June 4,1965	4	5	65	60	"	D	Topsoil 12;blue clay 97;hardpan 102;black shale 104. Water at 102.
FLH	" 39	J.Whitnall	"	June 2,1966	4	5	68	61	"	D	Topsoil 14;blue clay 90;hardpan 95;black shale 100. Water at 95.
FLH	" 43	P.Dewitt	A.Heal	Oct.19,1967	5	1½	95	60	"	D	Topsoil yellow clay 15;blue clay 90;hardpan 92;black shale 99. Water from 91 to 92.
FLH	" 43	C.Heffron	"	Oct.25,1967	4	5	64	61	"	D	Topsoil yellow clay 15;blue clay 90;hardpan 92;black shale 97. Water from 90 to 91½.
FLH	" 43	J.Jay	"	Dec.22,1967	4	5	62	61	"	D	Topsoil gravelly clay 15;blue clay 80;hardpan 92;black shale 95. Water from 91 to 92.
FLH	" 45	S.Park	L.Rawson	Mar.18,1966	4½	5	65	61	"	D	Topsoil 12;blue clay 89;hardpan 91;black shale 93. Water at 91.
FLH	" 45	O.Irwin	A.Heal	May 15,1964	4	3	56	50	"	D	Yellow topsoil 14;blue clay 81;hardpan 87;black shale 90. Water from 85 to 87.
FLH	" 45	R.Fuller	"	May 20,1964	4	3	85	67	"	D	Yellow topsoil 15;blue clay 94;hardpan 95½;black shale 103. Water from 94 to 95½.
FLH	" 45	D.Morris	L.Rawson	June 9,1967	4	5	75	68	"	D	Topsoil 15;blue clay 92;hardpan 96½;black shale 100. Water at 96½.
FLH	" 46	J.Douglas	A.Heal	May25, 1964	4	3	69	67	"	D	Yellow topsoil 15;blue clay 80;hardpan 83;boulders 84;hardpan 94. Water from 84 to 94.
FLH	" 46	J.Ruttan	"	Sep. 8,1965	4	2½	67	64	"	D	Yellow clay topsoil 12;sand gravel 14;blue clay 56;blue clay gravel 77;sand 80;black gravel 90;black shale 91. Water from 89 to 90.
FLH	" 46	A.Steele	"	Aug.30,1965	4	3	67	65	"	D	Topsoil yellow clay 13;blue clay 58;blue clay gravel 64;blue clay 72;blue clay gravel 80;sand 82;blue clay 90;hardpan 93; black shale 94½. Water at 93.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
LAMBTON COUNTY - cont. Plympton Twp. - cont.										
FLH lot 47	D.Dowey	A.Heal	May 29,1964	4	1	90	62	Fresh	D	Yellow topsoil 15;blue clay 76;hardpan 78;gas 89;black shale 91. Water from 87 to 89.
FLH " 47	Spofford	L.Rawson	May 31,1967	4	5	75	60	"	D	Topsoil 14;blue clay 80;hardpan 89;black shale 91. Water at 89.
FLH " 47	A.Braun	A.Heal	June 27,1967	4	1/2		61	"	N	Topsoil yellow clay 16;blue clay 81;hardpan 87;black shale 98. Water at 87.
FLH " 47	"	"	June 30,1967	4	1/2		60	"	N	Topsoil yellow clay 16;blue clay 82;hardpan 86;black shale 95. Water at 86.
FLH " 47	J.Clements	"	July 19,1967	4	2		65	"	D	Yellow topsoil 16;blue clay 82;hardpan 86;grey shale 88;black shale grey streak 100. Gas at 100. Water from 87 to 88.
FLH " 47	A.Braun	"	July 24,1967	6 1/2	1		61	"	D	Yellow topsoil 16;blue clay 82;hardpan 86;loose black grey shale 88;black shale grey streaks 101. Water from 86 to 88.
Sarnia, City										
	Parks Dept.	S.Atkinson	Jan. 15, 1966	4	2 1/2	140	7	Fresh	P	Clay 2;quicksand 8;grey clay 137;hardpan 139;coarse shale 147; sand 148;shale 160. Water at 137 and 147.
Sarnia Twp.										
Block A lot 9	W.Archer	Wade's	Sep. 7, 1967	4	1	140	32	Fresh	D	Blue clay 2;yellow clay 20;blue clay 40;grey clay 117;hardpan 127;black shale 140. Water at 127.
Block B " 2	Power Installation	L.Rawson	July 12, 1967	4	5	22 1/2	22 1/2	"	D	Topsoil 14;blue clay 121;hardpan 122;black shale 127. Water from 125 to 127.
Block B " 2	"	"	July 7, 1967	4						Topsoil 14;blue clay 121;hardpan 122;black shale 132. Dry hole.
Block B " 17	K.Waterfield	G.Hussey & Son	Apr. 13, 1964	4	10	20	15	Fresh	C	Brown top clay 9;blue clay 120. Water at 120.
Block B " 17	F.Stonehouse & Son	F.Jackson & Son	Apr. 11, 1966	6	12	28	23	"	C	Gravel fill 3;hardpan 15;blue clay grit 115;gravel 118;black shale 162. Water at 128.
Con A lot 4	R.Dodds	L.Rawson	May 15, 1965	4	8	29	24	"	D	Topsoil 12;blue clay 105;hardpan 109;black shale 110. Water at 109.
Con I " 6	J.Hruzengs	"	Apr. 14, 1966	4	5	40	25	"	D	Topsoil 12;blue clay 132;hardpan 138;limestone 141. Water at 138.
Con I " 8	H.Elliott	F.Jackson	Oct. 2, 1964	4						Clay grit 136;limestone 149. Dry hole.
Con I " 8	"	"	Oct. 6, 1964	4						Hardpan 12;blue clay 130;limestone 150. Dry hole.
Con I " 8	"	"	Oct. 8, 1964	4	3	12	32	Fresh	D	Hardpan 12;blue clay 126;limestone 141. Water at 136.
Con I " 12	G.Foster	Wade's	Jan. 31, 1967	4						Dark clay 2;blue clay 50;grey clay 125;hardpan 130;black shale 140. Dry hole.
Con I " 12	"	"	Feb. 15, 1967	4	15	40	23	Fresh	D	Dark clay 2;blue clay 50;grey clay 125;hardpan 130;black shale 140. Water at 133.
Con II " 7	S.McCrea	L.Rawson	Mar. 21, 1964	4						Topsoil 18;blue clay 137;grey limestone 152. Dry hole.
Con II " 7	"	"	Mar. 30, 1964	4	8	32	20	Fresh	D,S	Topsoil 18;blue clay 135;hardpan 138;limestone 140. Water at 138.
Con II " 9	A.Prange	"	Dec. 4, 1965	4 1/2	5	55	55	"	D	Topsoil 15;blue clay 120;grey limestone 122. Water at 120.



\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMBTON COUNTY - cont. Sarnia Twp. - cont.										
Con V lot 13	D.Kember	L.Rawson	Sep.30,1965	4	5	63	55	Fresh	D	Topsoil 15;blue clay 113;hardpan 115;black shale 117. Water at 115.
Con V " 15	H.Lucier	H.McDonald	June 7,1966	4	8	15	11	"	D,S	Topsoil 2;brown clay 20;blue clay 67;gravel 69;black shale 70; Water from 67 to 69.
Con V " 17	M.&A. Leckie	Wade's	Nov.22,1967	4	5		19	"	D	Yellow clay 12;blue clay 114;sand gravel 115;black shale 123. Water at 115.
Con V " 23	E.Gonyou	H.McDonald	July22,1966	4½	1	80	12	"	N	Topsoil 2;brown clay 22;blue clay 78;fine sand clay 79;bleck shale 80. Water from 78 to 79.
Con V " 23	"	"	July20,1966	4½				"		Topsoil 2;brown clay 22;blue clay 78;black shale 80. Dry hole.
Con V " 23	"	"	July18,1966	4½				"		Topsoil 2;brown clay 20;blue clay 78;black shale 80. Dry hole.
Con V " 23	"	"	July21,1966	4½				"		Topsoil 2;brown clay 22;blue clay 78;black shale 80. Dry hole.
Con VI " 3	W.Mason	Wade's	Apr.21,1967	4	5	90	90	Fresh	D	Dark clay 2;yellow clay 12;blue clay 35;grey clay 99;grey lime, stone 107. Water at 105.
Con VI " 16	H.Wilber	H.McDonald	June 3,1966	4	5	45	20	"	D	Topsoil 2;brown clay 20;blue clay 78;gravel 80;black shale 82. Water from 78 to 80.
Con VII " 5	S.Kirby	Earl & Lather	July25,1967	4				"		Red clay 12;grey clay 95;hardpan 110;hardpan gravel 115;black shale 128. Dry hole.
Con VII " 7	B.Borojevic	L.Rawson	May15, 1964	4	4	75	35	Fresh	D,S	Topsoil 15;blue clay 129;limestone 142. Water from 126 to 138.
Con VII " 15	H.Marks	"	Dec.11,1965	4	5	25	25	"	D	Topsoil 14;blue clay 105;hardpan 107;black shale 110. Water at 107.
Con VII " 15	W.Joecks	"	May 26,1966	4	6	30	20½	"	D	Topsoil 12;blue clay 105;hardpan 107;black shale 110. Water at 107.
Con VII " 15	W.Welland	"	July 5,1965	4	5	50	31	"	D	Topsoil 14;blue clay 106;hardpan 108;black shale 111. Water at 108.
Con VII " 15	"	"	July 1,1965	4				"		Topsoil 14;blue clay 108;black shale 120. Dry hole.
Con VII " 15	J.Biggars	A.Humphrey	June 8,1967	4	2	70	22	Fresh	D	Black loam 2;white marl 3;black loam 20;grey fine sand 80; gravel sand 103;black shale 113. Water at 70 and from 85 to 113.
Con VII " 16	J.Verslype	F.Jackson	May 11,1964	4	12	70	22	"	D	Marl 2;hardpan 15;blue clay 75;sand 90;clay grit 106;black shale 111. Water at 106 and 109.
Con VII " 17	A.Hendricks	"	Feb.11,1965	4				"		Marl topsoil 3;hardpan 15;blue clay 105;black shale 111. Dry hole.
Con VII " 17	"	"	Feb.15,1965	4	4	95	19	"	D	Sand 5;hardpan 15;blue clay 105. Water at 104.
Con VIII " 7	J.DeJong	L.Rawson	Nov.26,1966	4	½		10	"	D	Topsoil 7;blue clay 121;grey limestone 140. Water at 128.
Con IX " 26	R.Macklin	F.Jackson & Son	Oct. 5,1967	5				"		Sandy subsoil 7;blue clay 142;black shale 202;soapstone 210. Dry hole.
Con IX " 28	Parks Dept. City Sarnia	S.Atkinson	June29,1965	4	5	177	90	Fresh	P	Sand 4;clay 6;quicksand 16;grey clay fine particles shale 139; hardpan 141;coarse grey shale 177. Water at 139½.
Con IX " 28	"	"	July 6,1965	4	½		18	"	P	Clay 2;quicksand 10;grey clay 140;hardpan 142;coarse shale 155; Water at 140.
Con IX " 37	H.Bentschel	F.Jackson	May 23,1964	4	1	140	5½	"	D	Marl topsoil 2;hardpan 8;sand 15;blue clay 137;black shale 142 Water at 139.

LAMETON COUNTY - cont.  
Sombra Twp.

Con V	lot	B	G. Modde	Wade's	Apr. 21, 1965	4	10	15	15	Fresh	D	Sand 11; grey clay 142; hardpan gravel 153. Water at 153.
Con V	"	D	O. Bumpus	Hadoo Well Drlg. & Digging Ltd.	May 31, 1967	30		28	8	"	D	Topsoil 1; brown clay 4; brown sand 8; blue sandy clay 15; blue clay 30. Water at 7 and 10.
Con V	"	E	R. VanDamme	D. Simpson	Aug. 6, 1965	4	2	16	13	Salt	N	Topsoil 2; clay 139; sand gravel 141; hardpan 148. Water at 139.
Con V	"	E	H. Couture	Hadoo Well Drlg. & Digging Ltd.	Aug. 4, 1967	30	4	26	7	Fresh	D	Sandy fill 4; black muck 5; grey sand 30. Water at 6 and 20.
Con V	"	5	Imperial Oil Co Ltd.	H. McDonald	Sep. 22, 1965	4	7	40	24	Sulphur	T	Topsoil 2; brown clay 25; blue clay 126; gravel 127; black shale 129. Water at 126.
Con V	"	5	"	"	Sep. 28, 1965	4	6	60	24	Salt	1-65	Topsoil 2; brown clay 25; blue clay 128; gravel 130; grey shale 140. Water at 128.
Con V	"	5	D. DeJonghe	"	Dec. 8, 1965	4	7	35	16	"	2-65	Topsoil 2; brown clay 22; blue clay 128; gravel 129; black shale 130. Water at 128.
Con V	"	5	Imperial Oil	"	Oct. 15, 1966	4	1		15	"	D	Topsoil 2; brown clay 23; blue clay 127; gravel 128; black shale 165. Water at 127.
Con V	"	6	J. Deweyn	V. Conlon	July 2, 1964	3	3	40	25	"	D, S	Topsoil 2; sandy clay 12; blue clay 124; sand hardpan 129; fine gravel 129. Water at 129.
Con V	"	11	J. VanDamme	"	Sep. 27, 1966	3	3 1/2	25	17	"	D, S	Brown clay 4; blue clay 100; fine sand 102; fine gravel 103. Water from 102 to 103.
Con V	"	22	C. Langstaff	Wade's	Sep. 15, 1964	4						Yellow clay 8; blue clay 82; sand muck 85; grey shale 95. Dry hole.
Con V	"	22	"	"	Sep. 20, 1964	4						Yellow clay 8; blue clay 65; grey clay 83; hardpan 94; grey shale 100. Dry hole.
Con V	"	22	W. Allefr	"	Aug. 7, 1961	4						Yellow clay 12; blue clay 74; sand gravel 84; grey shale 121. Dry hole.
Con V	"	22	C. Langstaff	"	Sep. 30, 1964	4						Yellow clay 8; blue clay 60; grey clay 80; sand muck 84; hardpan 96. Dry hole.
Con V	"	22	"	"	Oct. 3, 1964	4	1	60	8	Fresh	D	Yellow clay 8; blue clay 60; grey clay 75; sand gravel 80. Water from 75 to 80.
Con V	"	30	R. Green	D. Simpson	Apr. 27, 1967	7	7	15	7	"	D, S	Topsoil 1; yellow clay 6; blue clay 48; gravel 50; black shale 54. Water from 48 to 50.
Con VI	"	8	W. Griffith	V. Conlon	Sep. 14, 1967	2	3	55	32	"	D, S	Surface soil 3; brown clay 12; blue clay 124; fine sand gravel 126. Water at 126.
Con VI	"	12	A. Watershoot	Wade's	Nov. 23, 1966	4	2	70	23	"	D, S	Reddish clay sand 8; blue clay 55; blue clay sand 80; grey clay 115; sand gas 117; grey shale 126. Water at 117.
Con VI	"	19	R. Wade	"	May 9, 1967	4						Yellow clay 10; blue clay 71; hardpan 75; grey shale 85. Dry hole.
Con VI	"	19	"	"	May 10, 1967	4	1	25	15	Fresh	D	Yellow clay 12; blue clay 67; hardpan 70; grey shale 85. Water at 73.
Con VI	"	19	A. Phrazyn	V. Conlon	June 12, 1967	4	2	38	24	"	D, S	Surface clay 2; blue clay 80; fine sand silt 86; fine sand gravel 87. Water from 81 to 87.
Con VI	"	30	F. Konecny	Wade's	May 15, 1964	4	7	18	18	"	N	Yellow clay 6; blue clay 57; sand 60; black shale 80. Water at 60.
Con VI	"	30	"	"	June 30, 1964	4	7	18	18	"	D	Yellow clay 10; blue clay 50; sand clay 57; sand 60; black shale 70. Water at 65.
Con VII	"	8	A. Johnston	"	Oct. 26, 1964	4	1	148	16	"	D	Yellow clay 8; blue clay 70; grey clay 126; hardpan 130; black shale 148. Water at 134.
Con VII	"	9	S. Bowls	"	Apr. 28, 1967	4	5	50	20	"	D	Dark clay 1; yellow clay 6; grey clay 121; hardpan 123; black shale 132. Water at 124.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
LAMONT COUNTY - cont. Sombra Twp. - cont.										
Con VII lot 11	W. Arnold	H. McDonald	June 9, 1965	4	4	35	25	Fresh	D, S	Topsoil 2; brown clay 20; blue clay 122; gravel 124; black shale 125. Water at 122.
Con VII " 16	Smeltzer	"	June 24, 1965	4						Topsoil 2; brown clay 18; blue clay 97; black shale 100. Dry hole.
Con VII " 16	"	"	July 2, 1965	4						Topsoil 2; brown clay 20; blue clay 95; black shale 100. Dry hole.
Con VII " 28	K. Harris	D. Simpson	May 15, 1964	6	4	45	16	Fresh	S	Topsoil 1; clay 77; gravel loose shale 79; black shale 81. Water at 77.
Con VIII " 6	R. Browning	Wade's	July 28, 1965	4						Sand 3; quicksand 3 1/2; blue clay 152; hardpan 162; black shale 180. Dry hole.
Con VIII " 6	"	"	Aug. 11, 1965	4						Sand 3; blue clay 148; sand 151; hard sand 152; black shale 170. Dry hole.
Con VIII " 6	"	"	Aug. 9, 1965	4						Sand 3; quicksand 3 1/2; blue clay 149; sand gravel 152; hardpan 161; black shale 205; grey shale 208. Dry hole.
Con VIII " 6	"	"	Aug. 19, 1965	4	1/2		24	Fresh	D, S	Sand 5; blue clay 149; hardpan 155; black shale 178. Water at 160.
Con VIII " 14	E. Dell	H. McDonald	Nov. 11, 1964	4	5	32	24	"	S	Topsoil 2; brown clay 22; blue clay 104; gravel 108; black shale 109. Water at 108.
Con VIII " 15	H. Toulloeh	"	July 6, 1965	4	4	30	22	"	S	Topsoil 2; brown clay 20; blue clay 98; gravel 106; black shale 108. Water at 98.
Con VIII " 16	E. Dell	"	Nov. 8, 1967	4	6	48	32	"	D	Topsoil 2; brown clay 22; blue clay 101; gravel 106; black shale 107. Water at 101.
Con VIII " 19	"	"	June 19, 1967	4	25	30	20	Sulphur	S	Topsoil 2; brown clay 20; blue clay 87; gravel 88; black shale 91. Water at 87.
Con VIII " 28	J. Watson	Wade's	June 8, 1965	4	2	25	18	Fresh	S	Yellow clay 15; blue clay 70; hardpan 73; black shale 80. Water at 72.
Con IX " 1	A. Ellis	H. Brandon	July 20, 1965	4						Red clay 12; blue clay 138; gravel 139; grey sand 165; gravel sand 168; hardpan 170; black shale 184. Dry hole.
Con IX " 8	J. Lacey	H. McDonald	June 21, 1966	4						Topsoil 2; brown clay 25; blue clay 140; gravel 141; black shale 160. Dry hole.
Con IX " 8	"	V. Conlon	Nov. 29, 1966	2						White clay 15; blue clay 134; fine black sand 141; fine silt pebbles 143; fine black sand 155. Dry hole.
Con IX " 8	"	Wade's	Dec. 17, 1966	4						Sand clay stones 4; yellow clay 14; blue clay 140; hardpan 146; black shale 170. Dry hole.
Con IX " 8	"	"	Dec. 28, 1966	4	1/2	100	24	Fresh	D	Dark clay 1; yellow clay 14; blue clay 140; hardpan 145; black shale 170. Water at 147.
Con IX " 16	L. Delanghe	"	Apr. 1, 1964	3	6	41	26	"	S	Yellow clay 10; blue clay 111; hardpan 113; black shale 120. Water at 116.
Con IX " 26	E. Kerr	"	Apr. 11, 1964	4	5	50	32	"	D	Yellow clay 15; blue clay 73; black shale 94; grey shale 96. Water at 73.
Con IX " 26	"	"	Aug. 26, 1964	4	3	40	29	"	D	Yellow clay 8; blue clay 70; hardpan 74; black shale 77. Water at 75.
Con XI " 27	L. Krohn	R. Simpson	May 12, 1967	4	2	80	40	"	D, S	Topsoil 2; yellow clay 7; blue clay 100; hardpan 104; shale 107. Water at 104.
Con IX " 29	H. Stokes	D. Simpson	Sep. 11, 1964	4	12	18	17	Sulphur	S	Gravel 64. Water at 60.
Con X " C	J. Nantias	H. Brandon	Mar. 1, 1965	4						Red clay 14; blue clay 130; sand gravel 181; grey limestone 185; limestone 186; soapstone limestone 220; black shale 267. Dry hole.
Con X " 16	S. Smith	H. McDonald	May 9, 1964	4	3	45	32	Fresh	D	Topsoil 2; brown clay 15; blue clay 114; gravel 117; black shale 118. Water at 114.

LAMBTON COUNTY - cont.													
Sombra Twp. - cont.													
Con X	lot 19	J. Fabian	H. McDonald	May 8, 1965	4	10	35	20	Fresh	D,S	Topsoil 2; brown clay 16; blue clay 94; gravel 96; grey shale 97. Water from 94 to 96.		
Con X	" 30	M. Robinson	R. Simpson	Feb. 8, 1964	4	4	35	15	"	D,S	Topsoil 2; yellow clay 7; blue clay 58; shale gravel 59; black shale 61. Water from 59 to 60.		
Con XI	" 8	L. Hinnegan	V. Conlon	Nov. 18, 1965	2	3	87	72	"	D,S	Top clay 2; blue clay 139; hardpan 141; gravel. Water at 141.		
Con XII	" 7	D. Smith	Wade's	Oct. 15, 1965	4						Yellow clay 15; grey clay 120; blue clay 135; grey clay 148; hardpan 179; grey limestone 190. Dry hole.		
Con XII	" 10	R. King	H. McDonald	July 9, 1964	4	6	35	22	Fresh	D	Topsoil 2; brown clay 25; blue clay 145; gravel 148; black shale 150. Water at 150.		
Con XII	" 10	A. Shipley	"	May 14, 1966	4	6	55	25	"	D,S	Topsoil 2; brown clay 24; blue clay 144; gravel 145; black shale 150. Water from 144 to 145.		
Con XII	" 14	A. Rankin	"	Nov. 9, 1965	4	6	45	23	"	D	Topsoil 2; brown clay 22; blue clay 136; gravel 138; black shale 140. Water at 136.		
Con XII	" 14	W. Scott	V. Conlon	May 25, 1966	3	3	50	32	"	D	Blue clay 133; hardpan 135; fine gravel 137. Water at 135.		
Con XII	" 19	T. Smith	H. McDonald	Aug. 5, 1966	4½			115	"	N	Topsoil 2; brown clay 25; blue clay 128; fine gravel 129; brown clay 130. Water from 128 to 129.		
Con XII	" 19	"	"	Aug. 8, 1966	4½						Topsoil 2; brown clay 25; blue clay 130; brown clay 145; black shale 150. Dry hole.		
Con XII	" 19	"	"	Aug. 11, 1966	4½						Topsoil 2; brown clay 25; blue clay 130; brown clay 147; black shale 150. Dry hole.		
Con XII	" 19	"	"	Sep. 10, 1966	4½						Topsoil 2; brown clay 22; blue clay 129; black shale 130. Dry hole.		
Con XII	" 23	G. Burr	D. Douglas	Aug. 22, 1967	2						Blue clay 115; hardpan shale sand 128. Dry hole.		
Con XIII	" 5	L. Henry	V. Conlon	Sep. 12, 1966	3	2	75	42	Fresh	D,S	Surface soil 4; yellow clay 12; clay pebbles 152; fine dark sand 181; fine gravel silt 185. Water at 181.		
Con XIII	" 9	W. Flynn	"	June 12, 1964	2						Topsoil 2; blue clay 137; sand hardpan 147; fine silty sand 150; silt 157. Dry hole.		
Con XIII	" 9	"	"	June 26, 1964	2						Topsoil 2; blue clay 142; hardpan 154; silty sand 187. Dry hole.		
Con XIII	" 16	D. King	H. McDonald	Apr. 17, 1965	4	5	25	6	Salty	D,S	Topsoil 2; brown clay 25; blue clay 107; gravel 112; black shale 114. Water at 110.		
Con XIII	" 20	R. Pretty	"	May 12, 1967	4	6	55	14	Fresh	D	Topsoil 2; brown clay 25; blue clay 167; gravel 169; black shale 175. Water from 167 to 169.		
Con XIII	" 30	A. Levielle	"	Oct. 13, 1964	4	4	30	20	"	D,S	Topsoil 2; brown clay 18; blue clay 76; gravel 77; black shale 78. Water at 76.		
Con XIV	" 1	G. Miller	Gen. Drlg. & Well Service	Apr. 8, 1967	5	100	20	20	"	D,S	Sand gravel clay 30; clay 130; sand gravel 150; gravel 157. Water from 149 to 157.		
Con XIV	" 9	R. Farr	Wade's	Oct. 17, 1966	4						Yellow clay 8; blue clay 149; hardpan 170. Dry hole.		
Con XIV	" 9	"	"	Oct. 21, 1966	4	2	70	31	Fresh	D	Yellow clay 8; blue clay 130; grey clay 135; blue clay 143; gravel 146. Water at 146.		
Con XIV	" 11	W. Arnold	"	Mar. 28, 1966	4	½		22	"	D	Yellow clay 5; blue clay 15; yellow clay 22; blue clay 55; grey clay 145; hardpan 172; black shale 183. Water at 172.		
Con XIV	" 11	"	"	Mar. 14, 1966	4	½	185	22	"	N	Yellow clay 15; blue clay 50; grey clay 85; blue clay sand 135; hard grey clay sand 145; hardpan 157; black shale 185. Water at 157.		
Con XIV	" 12	K. Arnold	"	Feb. 28, 1966	4	½	172	27	"	N	Yellow clay 12; grey clay 70; blue clay 80; grey clay 135; hardpan 150; sand 156; black shale 172. Water at 158.		
Con XIV	" 12	"	"	Mar. 4, 1966	4	10	22	22	"	D	Yellow clay 15; grey clay 135; hardpan 140; sand gravel 146; hardpan 140; sand gravel 146; hardpan 156. Water at 156.		

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont. Sombra Twp. - cont.										
Con XIV lot 22	A.Bullock	M.Bullock	Oct.20,1965	2	5		30	Fresh	D,S	Topsoil 2;gritty blue clay 95;gravel clay 102;grey hardpan 117; Water at 114.
Con XV " 2	R.Brown	"	Aug. 6,1964							Black topsoil 2;grey clay gravel 100;grey shale 101;grey clay gravel 159;gravel 160;black shale. Dry hole.
Con XV " 2	"	"	Aug.14,1964							Black topsoil 2;grey clay gravel 147;grey shale 150;gravel 151;black shale. Dry hole.
Con XV " 2	Can.Industries Ltd.	P.Jackson	Apr.17,1965	6½	1½		27	Fresh	M	Hardpan 12;blue clay 142;fine sand grit stone 162;clay pebbles 168;stones grit 170;black shale rock grey shale 186. Water at 142 and 168.
Con XV " 2	"	"	Apr.28,1965	6½	18	80	25	"	D	Hardpan 12;blue clay 144;gravel 150. Water at 144.
Con XV " 25	D.Workman	D.Workman	Aug.15,1964	4½			30	Salty	D	Brown clay 15;grey clay 70;grey clay pebbles 90;blue grey sand 103. Water at 103.
Con XV " 25	B.Preece	V.Conlon	Nov.14,1964	3	4	30	22	Fresh	D	Topsoil 2;stony blue clay 25;blue clay 98;fine sand 99;medium gravel 100. Water from 99 to 100.
Walpole Indian Reserve										
	Homol Corp.	D.Wade	Feb.28,1964	4						Sand clay 10;grey clay 95;fine sand 104;grey shale 126. Dry hole.
	"	"	Mar. 6,1964	4	4	35	6	Fresh	D	Sand clay 10;grey clay 95;sand 98;sand 104. Water at 104.
Warwick Twp.										
ERN Con I lot 3	G.Lowrie	A.Heal	Oct.15,1964	4	2	100	26	Fresh	D	Topsoil yellow clay 13;blue clay 102;hardpan 104;black shale 111. Water from 103 to 104.
ERN Con I " 8	C.York	C.Thrower	Sep.16,1966	4	6	16	14	"	D,S	Sand 5;blue clay 45;gravel hardpan 52. Water from 52 to 54.
ERN Con I " 10	C.Dryce	"	Sep.22,1966	5	4	20	12	"	D	Sand 5;blue clay 30;gravel clay 36;gravel 38. Water from 36 to 38.
ERN Con I " 10	G.Pemberton	R.Hudson	Apr.13,1967	36	1½	30	5	"	D	Sandy clay 5;blue clay 30;gravel streaks 34;rock. Water at 34.
ERN Con I " 10	"	"	Apr.14,1967	36	1½	20		"	D	Sandy clay 5;blue clay 24;rock. Water at 24.
ERN Con I " 10	A.Burr	"	Apr.14,1967	36	1	30	5	"	D	Sandy clay 12;blue clay 28;sandy clay 30. Water at 30.
ERN Con I " 10	Warwick Town Hall	"	June27,1967	36	1	28	5	"	P	Sandy clay 5;blue clay 30;rock. Water at 30.
ERN Con I " 10	F.Dolan	"	Oct.26,1967	36	1	25	4	"	D	Sand 5;blue clay 24;gravelly clay 31. Water at 30.
ERN Con I " 11	G.Wilkinson	A.Heal	June12,1964	4	4	27	14	"	D	Topsoil sand 4;sand 10;blue clay 28;hardpan 31½;black shale 32½. Water from 31½ to 32.
ERN Con I " 12	W.Ferguson	"	Oct.14,1966	4	½	33	10	"	D	Topsoil sand 7;blue clay 20;gravel clay 26;gravel 29;black shale 34. Water at 30.
ERN Con I " 12	"	"	Oct.18,1966	4				"		Topsoil sand 7;blue clay 20;gravel clay 29;black shale 44. Dry hole.
ERN Con I " 12	"	"	Oct.25,1966	6½	3	13	10	Fresh	D	Topsoil yellow clay 7;blue clay 20;black sand gravel 29;black shale 40. Water from 22 to 23.
ERN Con I " 25	W.Smale	"	Aug. 8,1966	4	2½	96	48	"	D,S	Sandy clay 11;yellow clay 18;blue clay 54;gravel clay 57;blue clay 127;blue clay sand 140;hardpan 142;black shale 147. Water at 142.

LAMBDON COUNTY - cont.

Warwick Twp. - cont.

ERN Con I	lot 27	M. VanKessel	S. Earl	Nov. 22, 1967	4	15	45	42	Fresh	D, S	Clay 8; sand stones 12; clay 93; hardpan 116; black shale 121. Water from 116 to 119.
ERN Con I	" 28	R. Parker	A. Heal	Oct. 2, 1967	4	5	68	57	"	D	Topsoil sandy clay 32; sand 36; blue clay 82; sandy clay 90; blue clay sand streaks 136; hardpan 137; black shale 147. Water from 136 to 137.
ERN Con I	" 29	I. Parker	"	May 4, 1965	4	4	38	37	"	D	Topsoil sand 25; sandy clay 54; blue clay 115; hardpan 117; black shale 120. Water at 116.
ERN Con I	" 29	J. Peters	R. Hudson	June 17, 1967	36 1/2	2	14	6	"	D, S	Brown clay 2; brown sand 15; test hole in bottom to 28, fine quicksand. Water at 6.
ERN Con II	" 29	A. Roder	A. Heal	Aug. 28, 1964							Yellow topsoil 14; sandy clay 31; clay 40; sandy clay 70; gritty clay 140; limestone 141; clay 148; limestone 150; gritty clay 165; limestone 195; soapstone 197. Dry hole.
ERN Con II	" 29	"	"	Aug. 30, 1964	5	2		19 1/2	Fresh	D, S	Yellow clay topsoil 14; sandy clay 27; sand 31; sand clay 32. Water at 27 and 31.
ERN Con II	" 29	"	"	Sep. 5, 1964	5	2		16	"	D, S	Topsoil sandy clay 14; muddy sand 36; clay 72; sand 76. Water from 72 to 76.
ERN Con II	" 29	Rodgers Turkey Farm	R. Smith	Apr. 28, 1967	5 1/2	15	60	30	"	D, S	Pit 5; brown clay 32; clay sand 56; blue clay 64; grey sand 68; sand 72; sand clay 74. Water from 68 to 72.
ERN Con III	" 9	P. Huyben	A. Heal	Apr. 7, 1964	4	4	61	40	Sulphur	D	Top soil yellow clay 14; blue clay 89; sand 90; black shale 94. Water from 89 to 90.
ERN Con III	" 24	R. Miner	R. Hudson	Oct. 8, 1966	36	3	25	15	Fresh	D, S	Brown clay 10; blue clay 25; fine sand 34. Water at 25.
ERN Con III	" 27	W. Eastman	A. Heal	Sep. 10, 1964	4	4	22	22	"	D, S	Topsoil sand 8; sandy clay 45; clay 78; gritty clay 92; clay 100; hardpan 102; black shale 105. Water from 100 1/2 to 102.
ERN Con III	" 28	A. Roder	"	June 15, 1966	4	4 1/2	116	30	"	D, S	Topsoil sandy clay 77; sand 86; sandy clay 99; blue clay 110; gravelly hardpan clay streaks 116; soft grey shale 127. Water at 116.
ERN Con IV	" 17	R. Gilliland	S. Earl	Oct. 14, 1964	4 1/2	5	38	19	"	D	Clay 22; gravel 23; clay 58; black shale 112; grey shale 130. Water from 126 to 130.
ERN Con IV	" 19	J. Jansen	"	Nov. 25, 1967	4	15	10	10	"	D	Clay 57; black shale 92. Water from 80 to 85.
ERN Con IV	" 27	A. Eastman	A. Heal	June 16, 1967	4	5	42	31	"	D, S	Top soil sandy clay 25; red sandy clay 53; grey sand 61. Water from 59 to 61.
ERN Con IV	" 29	D. Kusters	R. Smith	Jan. 31, 1967	5	10	60	40	"	D, S	Brown clay 32; silty blue clay 68; silty grey sand 73; silty blue clay 103; blue clay stones 112; coarse sand 114. Water from 68 to 73 and at 112.
ERN Con IV	" 30	H. McChesney	A. Heal	June 22, 1966	4	6	55	53	"	D, S	Yellow topsoil 14; blue clay 30; sandy clay 54; sand 63; sandy clay 65; blue clay 104; fine gravel 110. Water from 104 to 110.
ERN Con V	" 3	H. Maidment	"	Apr. 28, 1964	4	4	47	47	"	D	Yellow topsoil 15; blue clay 90; hardpan 105; black shale 110. Water from 91 to 105.
ERN Con V	" 11	H. Huctwith	"	July 8, 1967	6	6	30	19	"	D	Yellow topsoil 18; blue clay 72; muddy hardpan 73 1/2; black shale 79 1/2. Water from 72 to 73 1/2.
ERN Con V	" 12	J. Wouter	S. Earl	Dec. 16, 1967	4	1	80	70	"	D	Clay 58; hardpan 68; black shale 122; grey shale 232. Water at 230.
ERN Con V	" 12	A. Vanloy	"	Dec. 20, 1967	4	15	35	30	"	D, S	Clay 60; hardpan 64; black shale 92. Water at 85.
ERN Con V	" 14	G. Ross	R. Thrower	Nov. 27, 1967	4 1/2	5	30	25	"	D, S	Topsoil 5; blue clay 50; gravel 51; blue clay 65; gravel 70. Water from 69 to 70.
ERN Con VI	" 4	P. Dare	A. Heal	Sep. 15, 1964		1		80	"	N	Yellow topsoil 14; blue clay 102; hardpan 104; black shale 107. Water from 102 to 104.
ERN Con VI	" 4	"	"	Sep. 22, 1964	4	4	90	80	"	D, S	Yellow topsoil 14; blue clay 101 1/2; hardpan 105; black shale 115. Water from 104 1/2 to 105.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
LAMBTON COUNTY- cont. Warwick Twp. - cont.										
ERN Con VI lot 7	E.Kernohan	S.Atkinson	Sep.19,1966	4	5	77	74	Fresh	D,S	Topsoil 1;yellow clay 20;grey clay 56;gravel 60;grey clay 80; gravel 83;grey clay 97;shale 109. Water at 98.
ERN Con VII " 12	Levitt Bros.	A.Heal	Jan.26,1965	4	5	48	44½	Sulphur	D,S	Topsoil yellow clay 15;blue clay 40;gravel 42;hard gritty clay 76;hardpan 89½;black shale 102. Water from 89 to 89½.
ERN Con VII " 14	L.Cates	"	Nov.26,1966	4	5	38	37	Fresh	D,S	Yellow topsoil 15;blue clay 56;gritty clay 93;hardpan 95½; black shale 97. Water at 94.
ERS Con I " 9	S.Robert	"	June18,1964	4	3	14	13	"	D	Topsoil yellow clay 14;sand soft blue clay 18;black gravel 22. Water from 18 to 20.
ERS Con I " 9	Warwick Ball Park	"	Aug. 6,1965	4	1½	48	8	"	P	Topsoil yellow clay 6;sand 13;blue clay 45;black gravel 48; black shale 54. Water from 45 to 48.
ERS Con I " 21	H.Zavitz	"	Sep.21,1965	4	2½	46	29	Sulphur	D,S	Topsoil yellow clay 18;blue clay 37;sandy blue clay 46;black gravel clay 49;blue clay 82;black gravel 85;hardpan 98;black gravel 107;black shale 110. Water from 98 to 107. Dry hole.
ERS Con I " 28	G.Parker	"	July16,1965	4	4	74	72	Fresh	D,S	Topsoil gravel 9;yellow clay 20;blue clay 45;gravel 47;sand 69;blue clay 97;sand gravel 109;clay 121;sand gravel clay 154; hardpan 156. Water from 154 to 155.
ERS Con II " 4	J.Kersey	"	Oct.20,1964	4	3	26	16	"	D,S	Topsoil yellow clay 15;blue clay 55;hardpan 58;black shale 62. Water at 58.
ERS Con II " 8	O.Clark	C.Thrower	July27,1964	5	4	17	15	"	S	Sandy blue clay 10;blue clay 35;black shale 40. Water at 36.
ERS Con II " 8	A.Goldhawk	A.Heal	May 14,1965	4	1½	60	16	"	D	Yellow topsoil 14;blue clay 30;hardpan 31;black shale 60. Water at 31.
ERS Con II " 16	C.Manders	S.Earl	Aug.13,1964	4½	10	27	3	Sulphur	D	Clay 42;black shale 48. Water at 43.
ERS Con II " 19	O.Wallis	A.Heal	Apr.11,1964	4						Yellow topsoil 15;blue clay 69;gravel 71;gritty clay 87;hardpan 90;black shale 112. Dry hole.
ERS Con II " 19	"	"	Apr.14,1964	4	4	26	20	Fresh	D	Yellow topsoil 15;blue clay 50;gritty clay 86½;grey hardpan 88;muddy hardpan 89½. Water from 88½ to 87½.
ERS Con II " 20	D.Cook	R.Thrower	June13,1967	4	6	25	22	"	S	Loam 5;clay 30;sand 35;clay 92;gravel 95. Water from 92 to 95.
ERS Con II " 29	P.Beattie	A.Heal	Aug.23,1966	4	5	73	21	"	D,S	Sandy loam 9;quicksand 17;sandy clay 24;blue clay 40;sandy clay 58;gravel clay 60;blue clay gravel 92;sand clay 98½; hardpan 102;black shale 119. Water at 102.
ERS Con III " 2	C.Abra	C.Thrower	June25,1964	4½	5	40	22	"	D,S	Clay 10;blue clay 20;sand 21;blue clay 69;gravel 70;black shale 73. Water at 69.
ERS Con III " 2	B.Larson	"	Sep. 4,1965	4½	5	35	20	"	D,S	Brown clay 12;sand 22;blue clay 70;gravel. Water at 70.
ERS Con III " 2	C.Abra	"	June20,1966	4½	11	80	22	"	N	Topsoil 16;fine sand 18;blue clay 65;fine grey gravel 70;black shale 80. Water from 65 to 70.
ERS Con III " 2	"	"	June28,1966	4½	1	75	22	"	N	Topsoil 16;fine sand 18;blue clay 65;fine grey gravel 70;black shale 75. Water from 65 to 70.
ERS Con III " 4	F.Browwer	"	July14,1964	4½	6	20	16	"	D,S	Topsoil 2;blue clay 40;gravel sand 42;blue clay 65;gravel 66; black shale 68. Water at 66.
ERS Con III " 4	A.Morgan	"	Sep.14,1965	4½	5	14	12	"	D,S	Top brown clay 5;blue clay 22;streak sand 23;blue clay 49; gravel 50. Water at 49.
ERS Con III " 5	B.Morgan	"	Dec.30,1965							Top clay 8;blue clay 28;sand 30;blue clay 50;gravel 50½;black shale 75. Dry hole.
ERS Con III " 5	"	"	Jan. 7,1966	4½	5	15	14	Fresh	D,S	Top brown clay 8;blue clay 28;streak sand 30;blue clay 47; gravel 50. Water at 47.
ERS Con III " 6	N.Morgan	"	May 20,1965	4½	12	20	12	"	D,S	Brown clay 8;blue clay 23;sand 24;blue clay 38;gravel 40. Water at 38.
ERS Con III " 6	K.Green	"	June10,1965							Brown clay 8;blue clay 24;sand 25;blue clay 38;dirty gravel 40; black shale 50. Dry hole.
ERS Con III " 6	"	"	July20,1965	4½	5	17	14	Fresh	D	Brown clay 8;blue clay 24;sand 25;blue clay 38;sand gravel 40. Water at 38.

LAMBTON COUNTY - cont.  
Warwich Twp. - cont.

ERS Con III lot 7	O. McGee	C. Thrower	Mar. 15, 1963	4	10	20	12	Fresh	D	Top clay 6; blue clay 25; gravel 26; blue clay 32; black shale 38. Water at 38.
ERS Con IV "	4 A. Garside	R. Dolphin	Mar. 16, 1964	4	1					Yellow clay 10; blue clay 36; hardpan gravel 43; black shale. Dry hole.
ERS Con IV "	4 "	"	Mar. 19, 1964							Yellow clay 10; blue clay 36; hardpan 46; black shale 66. Dry hole.
ERS Con IV "	4 "	A. Heal	Feb. 21, 1966	4	1	42	141	Fresh	D, S	Topsoil yellow clay 14; blue clay 37; hardpan 40; black shale 42. Water from 38 to 40.
ERS Con IV "	11 R. Bryce	"	Sep. 12, 1967	4	2	20	10	"	D	Yellow topsoil 7; gravel 8; blue clay 22; muddy hardpan 33; sand 34; black shale 38. Water from 33 to 34.
ERS Con IV "	18 A. Smith	"	July 14, 1966	4	3	51	45	"	D	Bored well 40; fine sand 45; blue clay 85; hardpan 86; black sand 87; black shale 90. Water from 40 to 45 and from 86 to 87.
ERS Con IV "	18 F. Hollingsworth	"	Sep. 7, 1967	4	1		37	Sulphur	D	Yellow topsoil 15; blue clay 80; hardpan 86; black shale 92. Water at 86.
ERS Con V "	28 S. Beintema	"	Feb. 16, 1966	4	4	57	32	Fresh	D, S	Yellow topsoil 15; blue clay 59; sand 83; blue clay 127; soft limestone 130. Water from 127 to 128.
ERS Con VI "	7 D. Acton	R. Lather	June 22, 1967	5	6	17	10	"	D	Red clay 8; grey clay 25; sandy hardpan 35; dark hardpan 37; black shale. Water from 36 to 37.
ERS Con VI "	10 L. Moffatt	R. Thrower	June 26, 1967	4	1	30	12	"		Loam 5; gravel 6; blue clay 20; sand 25; clay 37; rock shale 45. Water from 37 to 38.
ERS Con VI "	10 "	"	June 28, 1967	4	5	15	12	"	D, S	Loam 5; gravel 18; blue clay 25; sand 37; shale 40. Water at 38.
ERS Con VI "	25 C. Davidson	A. Heal	Dec. 4, 1965	4	4	56	56	Sulphur	D, S	Yellow topsoil 14; blue clay 30; sand 31; blue clay 105; hardpan 106; limestone 109. Water at 106.
Watford Village	R. Auld	S. Earl	Mar. 12, 1965	4 1/2	15	40	40	Sulphur	D	Gravel 3; clay 83; black shale 98. Water at 95.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Beamsville Village		A.Hruszczak	W.Field & Son	June 17, 1965	6 1/2	1 1/2	60	20	Fresh	Ir	Sandy brown clay 20; blue clay gravel 50; medium gravel 55; red shale 64. Water at 50.
		P.Tkachenko	S. Merritt	Dec. 1, 1966	6 1/2						Clay 22; red shale 60. Dry hole.
		R.Wyrcimaga	P.Merritt	Jan. 19, 1967	6 1/2	4	25	12	Salt	D	Red clay 20; red shale 30. Water at 28.
Caistor Twp.											
Con I	lot 1	Piotrowski Bro.	S.Merritt	Dec. 11, 1964	6 1/2	16	23	10	Fresh	S	Blue clay 25; soft clay 50; blue clay boulders gravel 64; gravel shale 65. Water at 65.
Con I	" 1	S.Protroski	"	Dec. 7, 1965	6 1/2	16	30	18	Sulphur	S	Clay 62; shale 63; Niagara rock 65. Water at 65.
Con I	" 20	M.Gregory	F.Ince	July 27, 1965	6 1/2	3	70	35	Fresh	D, S	Brown clay 15; blue clay 55; rock 75. Water at 70.
Con II	" 3	J.Kazienko	P.Merritt	Apr. 18, 1964	6 1/2	10	25	17	"	D, S	Brown clay 55; blue clay 68; gravel hardpan 70. Water at 70.
Con II	" 13	C.Sister & Son	S.Merritt	Jan. 24, 1967	6 1/2	15	27	20	"	S	Clay 40; boulders gravel 48; shale 50. Water at 50.
Con II	" 16	K.Phillips	"	Sep. 8, 1967	6 1/2	16	28	27	"	S	Grey clay 35; grey boulders 40; clay 53; hardpan shale 55. Water at 55.
Con III	" 1	A.Martens	P.Merritt	June 13, 1967	6 1/2	10	25	20	Sulphur	D, S	Brown clay 30; blue clay 80; blue shale 82. Water from 80 to 82.
Con III	" 18	H.Histau	W.Packham	Apr. 14, 1966	6 1/2	20	37	32	"	D	Clay 50; stone gravel 57; bedrock. Water at 57.
Con III	" 24	A.Bruder	"	Mar. 26, 1964	6 1/2	20	40	37	Fresh	D, S	Clay 58; limestone 74. Water at 71.
Con IV	" 9	S.Routsky	S.Merritt	Sep. 7, 1967	6 1/2	15	44	42	"	D	Clay 55; boulders clay gravel 61; Niagara rock 71. Water at 70.
Con IV	" 11	H.Schaub	"	Feb. 28, 1966	6 1/2	10	51	52	"	S	Clay 35; boulder clay 54; limestone 69. Water at 69.
Con IV	" 13	J.Ruff	P.Merritt	June 15, 1965	6 1/2	10	38	32	"	S	Blue clay 51; gravel 55. Water at 55.
Con IV	" 17	G.Viccelli	S.Merritt	Aug. 29, 1967	6 1/2	16	32	20	"	S	Grey clay 80; gravel stones 83; grey shale 85. Water at 85.
Con IV	" 18	M.Young	"	Feb. 15, 1967	6 1/2	16	22	22	"	S	Clay 70; stones gravel clay 86; Niagara rock 91. Water at 91.
Con IV	" 19	E.Plazek	W.Packham	May 12, 1964	6 1/2	30	30	26	"	D	Clay 87; shale 88. Water at 88.
Con IV	" 21	J.Vanderheyden	P.Merritt	Apr. 29, 1967	6 1/2	10	45	25	"	D	Brown clay 30; blue clay 72; boulders 83; stones gravel 87 1/2. Water from 85 to 87 1/2.
Con IV	" 23	J.Horne	F.Ince	Aug. 4, 1966	6 1/2	20	40	20	"	D	Brown clay 15; blue clay 73; shale 74. Water at 74.
Con V	" 3	E.Czeense	P.Merritt	July 16, 1964	6 1/2	10	40	35	"	D, S	Blue clay 55; gravel boulders 58; gravel 61. Water at 61.
Con V	" 3	D.Hazden	S.Merritt	Aug. 29, 1966	6 1/2	16	55	50	"	S	Grey clay boulders 86; Niagara rock 89. Water at 89.
Con V	" 4	"	"	June 21, 1965	6 1/2	16	60	48	"	S	Grey clay stones 86; Niagara rock 115. Water from 90 to 115.
Con V	" 10	W.Bebas	P.Merritt	Jan. 8, 1964	6 1/2	10	30	25	Sulphur	D, S	Blue clay 75; gravel 78; grey limestone 80. Water at 80.
Con V	" 15	D.Heffner	"	Mar. 29, 1967	6 1/2	5	75	30	Fresh	D	Brown clay 25; blue clay 50; blue clay boulders 68; grey limestone 82. Water at 72.
Con V	" 15	W.Kischel	W.Packham	June 30, 1964	6 1/2	20	50	25	"	D	Clay 68; limestone 75. Water at 72.
Con V	" 15	H.Gutke	S.Merritt	June 7, 1967	6 1/2	15	35	32	"	D	Clay stones 76; sand 78; shale 79. Water at 79.
Con VI	" 8	J.Eyckmanus	"	May 5, 1966	6 1/2	16	36	35	"	D	Clay boulders 75; Niagara rock 80. Water from 78 to 80.
Con VI	" 11	J.North	"	July 14, 1964	5	16	30	28	"	D	Blue clay 30; blue clay boulders 58; grey shale 61. Water at 60.
Con VI	" 11	M.Lampman	"	Nov. 9, 1964	6 1/2	16	35	29	"	S	Blue clay 50; boulders blue clay 56; limestone 58. Water at 58.
Con VI	" 21	W.Marshall	"	Nov. 30, 1966	6 1/2	14	27	25	"	S	Grey clay stones 22; shale 24; Niagara rock 27. Water at 27.
Con VII	" 1	D.Wilson	"	Oct. 6, 1966	6 1/2	16	44	40	"	D	Grey clay 62; shale 64. Water at 64.
Con VII	" 2	R.DeGroot	P.Merritt	Nov. 9, 1964	6 1/2	10	22	20	"	D	Blue clay stones 33; grey shale 34. Water at 34.
Con VII	" 7	G.McCollum	"	Nov. 1, 1965	6 1/2	10	20	10	"	S	Brown clay 20; grey limestone 29. Water from 20 to 22.
Con VII	" 10	J.Madarass	"	June 24, 1964	6 1/2	10	25	20	"	S	Blue clay 42; grey limestone 46. Water at 46.
Con VII	" 10	J.Blechingner	"	Feb. 26, 1965	6 1/2	10	25	20	Sulphur	D	Clay 49; grey limestone 56. Water at 55.

LINCOLN COUNTY - cont.  
Caistor Twp. - cont.

Con VII	lot 15	J. Bond	F. Merritt	Sep. 18, 1967	6 1/2	10	18	12	Fresh	D	Brown clay 12; grey limestone 28. Water at 28.
Con VII	" 15	D. Hardyman	"	Nov. 14, 1967	6 1/2	10	20	18	"	D	Brown clay 15; blue clay 17; grey limestone 33. Water at 32.
Con VII	" 19	Vanderwoude Bros.	W. Packham	June 1, 1966	6 1/2	30	20	15	"	S	Clay 25; hard limestone 35. Water at 32.
Con VII	" 21	G. Keyes	"	June 15, 1966	6 1/2	20	20	12	"	D	Clay 24; limestone 33. Water at 30.
Clinton Twp. BF	lot 20	U. Ramm	F. Merritt	Oct. 6, 1967	6 1/2	1/2	45	18	Fresh	D	Brown loam 20; blue clay 30; blue clay gravel 42; red shale 57. Water at 44.
BF	" 21	J. VanBerkel	S. Gill	Dec. 29, 1967	7						Red clay 14; brown clay 22; shale 42. Dry hole.
Con I	" 8	R. Dimarco	S. Merritt	June 29, 1965	6 1/2	1	37	10	"	D	Clay stones 20; red shale 37. Water at 35.
Con I	" 10	H. McDonald	"	July 17, 1965	6 1/2	2	40	10	"	D	Stones clay 24; red clay 27; red shale 40. Water at 36.
Con I	" 10	B. Bearss	"	July 21, 1965	6 1/2	1/2	43	12	"	D	Clay boulders 25; red shale 43. Water from 38 to 40.
Con I	" 12	G. Macri	"	June 23, 1966	6 1/2	1/2	45	4	Salt	D	Clay stones 24; red clay 26; red shale 45. Water at 40.
Con I	" 13	S. Arrin	"	Sep. 15, 1965	10	3	40	10	"	S	Clay 25; coarse gravel clay 35; red shale 53; plugged from 40 to 53.
Con I	" 13	"	"	Sep. 18, 1965	6 1/2	1	25	12	Fresh	D	Clay gravel 25; gravel. Water at 25.
Con I	" 14	G. Doerwald	F. Merritt	Jan. 13, 1965	6 1/2			10	Salty	N	Topsoil 2; red clay gravel 15; red shale 48. Water at 46.
Con I	" 14	J. Csajaghy	W. Field & Son	Aug. 8, 1966	6 1/2	5	70	15	"	N	Stones clay 15; brown clay 28; red shale 80. Water at 75.
Con I	" 18	G. Konkle	S. Merritt	Jan. 13, 1964	6 1/2	1 1/2	65	12	"	D	Clay sand 36; red shale 65. Water at 65.
Con II	" 4	W. Sipos	"	July 23, 1965	8	95	31	8	Fresh	S	Clay stones 16; red clay 19; red shale 31. Water at 26.
Con II	" 4	"	"	July 28, 1965	8	100	31	8	"	S	Clay stones 16; red clay 19; red shale 31. Water at 25.
Con II	" 4	Merrfield Farms	W. Field & Son	June 8, 1967	6 1/2	5	50	12	"	D, S	Sandy clay 10; blue clay 20; red shale clay 40; red shale 63. Water at 58.
Con II	" 4	J. Urban	"	June 20, 1967	6 1/2	5	47	18	"	D, S	Sandy clay 10; blue clay gravel 20; red shale 68. Water at 58.
Con II	" 10	A. Barfoot	S. Merritt	July 8, 1965	6 1/2	4	20	15	"	D	Clay 18; shale 36. Water at 36.
Con II	" 10	C. Jarvis	"	July 16, 1965	6 1/2	25	39	10	"	D	Clay boulders 24; red clay 28; red shale 39. Water at 36.
Con II	" 10	M. Lutoczyn	"	July 20, 1965	6 1/2	15	42	12	"	D	Clay boulders 24; red clay 42. Water at 34.
Con II	" 10	L. Izzo	"	June 24, 1966	6 1/2	25	40	12	"	D	Clay boulders 25; red clay 27; red shale 40. Water at 37.
Con II	" 21	J. Stewart	W. Field & Son	Oct. 24, 1967	6 1/2	2	24	8	"	C	Dug well 12; red shale 26. Water at 23.
Con III	" 8	S. Krukowski	S. Merritt	Sep. 24, 1965	10	4	18	8	"	D	Red clay 8; red shale 28. Water from 24 to 28.
Con III	" 9	E. Mincer	"	Sep. 20, 1965	10	1 1/2	40	14	"	S	Red clay 12; red shale 40. Water from 32 to 40.
Con III	" 9	"	"	Sep. 22, 1965	10	2	40	14	"	S	Topsoil 2; red clay 12; red shale 40. Water from 28 to 40.
Con III	" 9	"	"	Apr. 8, 1966	6 1/2	6	25	10	"	D	Grey clay 8; red clay 12; red shale 36. Water at 35.
Con III	" 13	H. Vanluik	"	Nov. 21, 1967	6 1/2	6 1/2	25	12	"	D	Grey clay 12; red shale 38. Water at 26.
Con III	" 13	J. Costa	"	Nov. 22, 1967	6 1/2	5	15	5	"	D	Grey clay 12; red shale 24. Water from 13 to 22.
Con III	" 23	L. Presti	W. Field & Son	Oct. 15, 1965	6 1/2	5	20	5	"	D	Brown clay 3; grey limestone 9; white limestone 17; blue limestone 17; blue limestone 40. Water at 35.
Con IV	" 2	M. Kuzyk	"	June 21, 1967	8	1/2	40	4	"	D	Brown sand 12; red shale 40. Water at 33.
Con IV	" 9	Hechtman & Springer	S. Merritt	Jan. 16, 1965	10	2	48	21	"	S	Grey clay 12; red shale 48. Water at 34.
Con IV	" 9	"	"	Jan. 18, 1965	10	2 1/2	46	21	"	S	Grey clay 10; red shale 46. Water at 33.
Con IV	" 10	H. Janssen	W. Field & Son	Sep. 2, 1966	6 1/2	1	85	15	"	D	Hard blue clay 60; gravel 61; hard blue clay 75; red shale 85. Water at 60.
Con IV	" 12	P. Wins	F. Merritt	May 21, 1964	6 1/2	5	25	20	"	D	Brown clay 25; gravel 27; red shale. Water at 27.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Clinton Twp. - cont.										
Con IV lot 23	T.Procyshyn	W.Field & Son	July 3,1965	8	20	65	26	Fresh	Ir	Brown clay gravel 17;white limestone 55;blue rock 78. Water at 22 and 65.
Con IV " 23	"	"	July14,1965	8	30	35	5	"	Ir	Brown clay gravel 1;white limestone 30;blue rock 45. Water at 40.
Con IV " 23	J.Prest	"	Oct. 1,1965	6½	30	7	5	"	D,S	Brown clay 3;grey limestone 10;white limestone 20;blue limestone 28. Water at 25.
Con IV " 23	B.Aston	"	July15,1967	6½	1½	35	8	"	Ir	Brown clay 6;white limestone 30;blue rock 54. Water from 40 to 50.
Con V " 18	L.Sexsmith	"	Aug. 5,1964	6½	20	30	15	"	D	Brown loam 4;limestone 40. Water at 38.
Con V " 21	M.Zimmnicki	S.Merritt	Jan.11,1964	6½	10	75	55	"	D	Clay stones 72;Niagara rock 85;limestone 105. Water from 90 to 105.
Con VI " 4	V.Thornboro	W.Field & Son	Jan.15,1967	6½	½	98	18	"	S	Brown sandy clay stones 16;white limestone 40;blue rock 100. Water at 65.
Con VI " 6	J.McMillan	F.Merritt	June24,1967	6½	5	50	15	"	D	Brown clay 36;grey limestone 56. Water at 54.
Con VI " 9	J.Liota	"	June 9,1964	6½	10	20	8	"	C	Brown clay 8;grey limestone 35. Water at 25 and 32.
Con VI " 9	G.Folden	"	June10,1964	6½	10	20	8	"	D	Brown clay 10;grey limestone 35. Water from 30 to 35.
Con VI " 9	M.Lysy	"	Nov.19,1964	6½	5	25	20	"	D	Brown clay 15;blue clay 18;grey shale 20;grey limestone 30. Water at 25.
Con VI " 9	A.Hildebrandt	"	Aug. 5,1965	6½	10	20	12	"	D	Brown clay 4;grey limestone 43. Water at 42.
Con VI " 13	J.Sawatzky	"	Sep.22,1965	6½	10	65	45	"	D	Brown clay 40;blue clay 65;blue clay boulders 79;grey limestone 91. Water from 82 to 90.
Con VI " 13	F.Hollis	"	Apr. 7,1966	6½	6	65	25	"	D	Brown clay 25;blue clay 89;grey limestone 101. Water at 91 and 101.
Con VI " 15	Beamsville Poultry Farms Ltd.	S.Merritt	Sep.28,1966	6½	15	64	62	"	S	Grey clay 78;Niagara rock 90. Water from 83 to 88.
Con VI " 15	J.Lieb	"	Oct.27,1964	6½	1	140	58	"	"	Clay stones 94;limestone 135;Clinton rock shale 140;Gas at 140;lead plug 130.
Con VI " 15	Beamsville Poultry Farm	F.Merritt	June 8,1966	6½	10	80	75	"	S	Blue clay 80;gravel 90;limestone 106. Water at 105.
Con VI " 15	P.Szasz	S.Merritt	May 28,1967	6½	8	95	63	"	S	Grey clay 105;shale 106;Niagara rock 118. Water at 112 and 118.
Con VII " 9	C.Fluhrer	F.Merritt	June13,1964	6½	10	25	6	"	D	Brown clay 4;grey limestone 30. Water at 15 and 26.
Con VII " 9	P.Podwinski	"	May 28,1965	6½	10	25	18	"	D	Brown clay 18;blue clay gravel 20;limestone 36. Water at 28 and 35.
Con VII " 9	O.Tallman	W.Field & Son	Oct. 1,1966	6½	10	40	10	"	C	Loose rock 4;limestone 48. Water at 42.
Con VII " 9	A.Andersen	S.Merritt	Feb. 5,1967	6½	7	40	20	"	D	Grey clay 25;grey clay boulders 26;limestone 57. Water at 38 and 57.
Con VII " 9	S.Banas	"	Oct.14,1967	6½	12	32	20	"	S	Grey clay 30;Niagara rock 45. Water from 33 to 44.
Con VII " 15	J.Patsiatzis	W.Field & Son	Nov.13,1964	6	10	60	24	"	S	Blue clay 30;stones gravel 32;rock 67. Water at 60.
Con VII " 15	G.Zois	F.Merritt	Jan. 9,1965	6½	10	40	22	"	D	Blue clay 7;grey limestone 50. Water at 48.
Con VII " 15	J.Lieb	S.Merritt	Oct.18,1965	6½	15	48	35	"	S	Clay 83;Niagara rock 86. Water at 86.
Con VII " 15	J.Patsiatzis	W.Field & Son	Nov. 2,1966	6½	10	80	40	"	D	Blue clay 87;coarse gravel 89;limestone 100. Water at 87 and 98.
Con VII " 16	W.Kucheruk	F.Merritt	Dec.29,1965	6½	2	90	25	"	S	Blue clay 70;grey limestone 102. Water at 75.
Con VII " 20	Clinton Farms Ltd.	S.Merritt	June10,1964	6½	16	32	14	"	S	Clay 2;Niagara rock 48. Water at 38 and 48.
Con VII " 20	"	"	July10,1964	6½	16	16	15	"	S	Clay 1;Niagara rock 55. Water at 50.

LINCOLN COUNTY - cont.									
Clinton Twp. - cont.									
Con VII	lot 20	Clinton Farms Ltd.	S.Merritt	July 10, 1964	6 1/2	16	16	15	Fresh S Clay 1; Niagara rock 55. Water at 50.
Con VIII	" 6	A. Laas	W. Field & Son	Dec. 2, 1964	6 1/2	5	50	26	" D,S Brown clay 10; blue clay 22; rock 54. Water at 45.
Con VIII	" 8	I. Piasicki	S. Merritt	Mar. 16, 1967	6 1/2	16	20	19	" S Clay 12; shale 14; Niagara rock 55. Water from 40 to 55.
Con VIII	" 18	Lincoln Farms Ltd.	"	Sep. 27, 1966	6 1/2	16	18	14	" D Clay 14; shale 16; Niagara rock 34. Water from 28 to 34.
Con VIII	" 18	P. Franklin	W. Field & Son	June 19, 1965	6 1/2	40	24	14	" D Brown clay 10; blue clay 18; limestone 35. Water at 30.
Con IX	" 4	V. Thornborrow	S. Merritt	Aug. 14, 1967	6 1/2	15	35	30	" D Grey clay 40; grey Niagara rock 74. Water at 45, 60 and 74.
Con IX	" 10	J. Vanbenthen	W. Field & Son	Sep. 15, 1967	6	10	40	16	" S Brown blue clay 28; large stones 38; limestone 49. Water at 40.
Con IX	" 13	A. Hipwell	"	Apr. 11, 1967	6	10	40	6	" D,S Loose rock 6; limestone 66. Water at 45.
Con IX	" 16	O. Ali	F. Merritt	Sep. 12, 1966	6 1/2	5	35	22	" D Brown clay 15; blue clay 24; grey limestone 40. Water at 38.
Con IX	" 18	Lincoln Farms	S. Merritt	Oct. 15, 1965	6	12	28	20	" S Grey clay 21; Niagara rock 40. Water from 32 to 40.
Con X	" 1	Walnut Crest Farms Ltd.	W. Field & Son	Sep. 15, 1967	6 1/2	20	68	40	" S Brown clay 8; clay sand gravel 15; blue clay 33; stones 35; white limestone 65; blue rock 70; white limestone 80. Water at 68.
Con X	" 15	Fleming Farms Ltd.	"	July 30, 1965	6 1/2	10	27	17	" D,S Brown clay 3; blue clay 20; blue clay stones 21; limestone 70. Water at 62.
Gainsborough Twp.									
Con I	lot 17	K. Stokes	S. Merritt	Aug. 18, 1967	6 1/2	16	10	4	Fresh D Grey clay 96; gravel 98; grey shale 100. Water at 100.
Con II	" 15	S. Beliak	F. Merritt	May 27, 1964	6 1/2	10	30	15	" S Blue clay 111; grey shale 113. Water at 113.
Con III	" 8	L. Beliak	S. Merritt	Sep. 4, 1967	6 1/2	16	25	23	" S Grey clay 65; grey clay gravel 80; sand 81; hardpan 82. Water at 82.
Con III	" 11	"	F. Merritt	Aug. 24, 1965	6 1/2	10	35	25	" S Brown clay 30; blue clay 94; grey shale 95. Water at 95.
Con III	" 13	G. Katsoulis	"	July 27, 1966	6 1/2	10	20	20	" S Blue clay 102; limestone 113. Water at 113.
Con III	" 15	R. Wright	"	May 5, 1967	6 1/2	10	40	32	" D,S Brown clay 103; grey limestone 114. Water at 108 and 114.
Con III	" 20	A. Boradyn	S. Merritt	Dec. 26, 1967	6 1/2	16	35	30	" D,S Clay 95; clay gravel 108; gravel 111. Water at 111.
Con IV	" 2	P. Seloklo	"	July 20, 1967	6 1/2	24	80	35	" S Grey clay 67; boulders grey clay 93; Niagara rock 140. Water from 98 to 120.
Con IV	" 11	J. Hill	F. Merritt	Jan. 11, 1964	6 1/2	10	30	25	" C Blue clay 90; blue shale 93. Water at 93.
Con IV	" 12	Gainsboro School Area #1	"	Mar. 21, 1964	6	10	35	26	" P Blue clay 87; grey clay 90. Water from 87 to 90.
Con IV	" 13	A. Kozsial	"	Aug. 12, 1965	6 1/2	10	25	22	" S Blue clay 90; clay gravel 97; hardpan shale 100. Water at 100.
Con IV	" 14	A. & S. Nijadlik	S. Merritt	July 13, 1964	6 1/2	16	28	27	" C Clay 94; boulders shale 100; Niagara rock 105. Water at 102.
Con IV	" 16	O. Sarantekos	"	Sep. 28, 1964	6 1/2	16	32	30	" S Blue clay 95; Niagara rock 103. Water from 99 to 103.
Con IV	" 16	J. Skiadass	F. Merritt	July 20, 1966	6 1/2	10	25	22	" S Brown clay 30; blue clay 102; grey limestone 107. Water at 106.
Con IV	" 18	R. Morris	S. Merritt	Dec. 20, 1965	6 1/2	15	38	28	" S Clay 98; clay gravel 106; Niagara rock 113. Water at 113.
Con IV	" 21	P. Yaronich	"	Oct. 19, 1967	6 1/2	16	28	27	" S Grey clay 80; grey clay gravel 110; gravel sand 113. Water at 113.
Con IV	" 24	D. Hipwell	"	Dec. 5, 1967	6 1/2	16	25	20	" D Clay 20; quicksand 45; clay stones 83; hardpan shale 85. Water at 85.
Con IV	" 25	T. VanMerium	"	Sep. 1, 1967	6 1/2	16	35	30	" D Grey clay 20; quicksand clay 123; grey shale 125. Water at 125.
Con IV	" 27	P. Berger	F. Merritt	Nov. 25, 1966	6 1/2	2	45	22	" D Red sand gravel 42; red shale 60. Water at 55.
Con V	" 3	M. Fortune	"	Oct. 21, 1964	6 1/2	10	30	22	" D Brown clay 18; red quicksand 87; red gravel 97; grey limestone 107. Water at 106 1/2.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
LINCOLN COUNTY - cont.										
Gainsborough Twp.-cont.										
Con V lot 4	K.Fisher	F.Merritt	June 29, 1967	6 1/2	5	30	20	Fresh	D,S	Brown clay 20; blue clay 45; red clay gravel 51; grey limestone 67. Water at 65.
Con V " 5	R.Hagar	"	Sep. 4, 1965	6 1/2	10	35	30	"	D,S	Blue clay 44; grey limestone 55. Water at 54.
Con V " 20	S.Dengo	"	Nov. 19, 1964	6 1/2	10	41	38	"	D,S	Brown clay 15; blue clay 59; blue shale 61. Water at 61.
Con V " 22	P.Salverda	"	Aug. 18, 1965	6 1/2	10	30	25	"	D,S	Brown clay 40; blue clay 54; grey limestone 55. Water at 54.
Con V " 28	J.Rethazy	"	June 7, 1967	6 1/2	10	35	30	"	D,S	Brown clay 30; blue clay 48; grey limestone 46. Water at 45.
Con V " 33	G.Wilton	"	Dec. 9, 1965	6 1/2	10	30	25	"	D,S	Blue clay 80; gravel 86. Water at 86.
Con VI " 2	R.Maki	S.Merritt	May 7, 1964	6 1/2	10	35	17	"	D	Clay 27; shale 40; Niagara rock 64. Water at 42 and 64.
Con VI " 2	J.Garrett	G.Wallis	Dec. 2, 1965	6 1/2	3 1/2	25	12	"	D	Brown clay 5; brown clay gravel large slabs 12; limestone 31. Water at 29.
Con VI " 2	W.Lane	"	Sep. 21, 1966	6 1/2	18	21	14	"	D	Grey limestone 35. Water at 33.
Con VI " 3	E.Lidell	W.Field & Son	Oct. 11, 1966	6 1/2	2	46	18	"	D	Blue clay 30; limestone 48. Water at 45.
Con VI " 5	S.Penton	S.Merritt	May 18, 1967	6 1/2	12	40	22	"	D	Grey clay 23; shale 25; Niagara rock 50. Water from 38 to 50.
Con VI " 6	H.Blenkhorn	W.Lounsbury & Sons	Nov. 27, 1964	6 1/2	8	50	32	"	D,S	Soft brown clay 15; soft blue clay 61; coarse gravel 61 1/2; limestone 62. Water at 62.
Con VI " 7	J.Young	S.Merritt	June 10, 1965	6 1/2	10	30	2	"	D	Grey clay 26; shale 28; Niagara rock 42. Water from 30 to 40.
Con VI " 13	C.Prere	W.Field & Son	Nov. 2, 1967	6 1/2	30	60	38	"	D,S	Brown blue clay 50; dark clay gravel 54; limestone 72. Water at 58 and 70.
Con VI " 15	F.Fearns	F.Merritt	Sep. 28, 1964	6 1/2	10	38	32	"	D	Blue clay 40; grey limestone 48. Water at 48.
Con VI " 17	N.McIntosh	S.Merritt	June 7, 1966	6 1/2	16	38	35	"	D	Grey clay 42; grey shale 43; Niagara rock 51. Water at 51.
Con VI " 19	H.VanBargen	"	June 20, 1967	6 1/2	8	30	15	"	D	Grey clay 8; limestone 40. Water at 28.
Con VI " 20	A.Snyder	W.Field & Son	Jan. 10, 1964	6 1/2	10	50	24	"	D,S	Brown clay 6; blue clay 16; rock 20; rock cavity loam sand stones 30; brown rock 50; grey rock 60. Water at 40 and 56.
Con VI " 31	D.Muir	F.Merritt	June 21, 1966	6 1/2	10	25	22	"	D	Brown clay 26; limestone 53. Water at 50.
Con VI " 31	T.Richards	S.Merritt	Aug. 24, 1966	6 1/2	10	28	20	"	D	Grey clay 28; Niagara rock 35. Water at 35.
Con VI " 33	T.Koroneos	"	Apr. 27, 1966	6 1/2	16	24	20	"	S	Grey clay boulders 38; Niagara rock 40. Water at 40.
Con VI " 35	A.Wirth	F.Merritt	Apr. 20, 1966	6 1/2	10	25	20	"	D	Brown clay 27; blue clay 41; shale 43. Water at 43.
Louth Twp.										
BF lot 2	R.Prince	W.Lounsbury & Sons	Sep. 21, 1964	6 1/2	2 1/2	80	33	Fresh	D	Fine red sand 22; blue clay 45; hardpan 60; red Medina rock 80. Water at 80.
BF " 3	J.Bekker & Sons	"	Aug. 11, 1966	6 1/2	5	83	19	"	Ir	Red sandy loam 5; blue clay 25; grey sand 30; soft blue clay 47; hardpan 57; red Medina rock 85. Water at 72.
BF " 6	G.Newman	"	July 22, 1966	6 1/2	2	70	29	"	D	Red sandy loam 6; hard brown clay 10; soft blue clay 40; hard blue clay 45; red hardpan 50; red Medina rock 78. Water at 76.
BF " 9	C.Howard	W.Field & Son	June 8, 1964	6 1/2	10	78	40	"	D	Blue clay 10; fine brown sand 50; blue clay 75; medium gravel 85. Water at 75.
BF " 11	J.Roberts	W.Lounsbury & Sons	Feb. 23, 1967	6 1/2	1	100	47	"	D	Fine red sand 18; soft clay 84; grey hardpan 94; red hardpan 100; red Medina rock 110. Water at 110.
BF " 14	A.Kucheruk	"	May 19, 1967	6 1/2	8	110	55	"	Ir	Fine red sand 17; soft blue clay 111; red shale 113; sandy clay 120; red Medina rock 122. Water at 120.
BF " 15	S.Price	"	Aug. 18, 1965	6 1/2	10	100	58	"	D,S	Fine sandy topsoil 6; soft clay 84; hard clay 110; fine gravel 113. Water at 113.
BF " 15	G.Motz	"	Aug. 15, 1967	6 1/2	5	110	58	"	D	Sandy loam 6; sandy blue clay 30; soft blue clay 120; fine red sand 130; fine sand gravel 135. Water at 135.
BF " 17	British American Oil Co.	G.J.Wallis	Mar. 29, 1966	6 1/2	2	122	50	"	C	Brown sandy soil 15; grey clay silt 40; grey clay 55; sand red clay 70; gravelly red clay 78; gravelly grey clay 117; broken shale fine sand 117 1/2; red shale 136. Water at 117 1/2.



LINCOLN COUNTY - cont.  
Louth Twp. - cont.

BF	lot	17	B.A.Oil Co.	G.Wallis	Mar.31,1966	6	7	59	50	Fresh	C	Brown sandy soil 15;grey clay 58;sand gravelly red sand 69; fine sand gravel 73. Water at 69.
Con I	"	2	S.Kramar	W.Lounsbury & Sons	June 1,1966	6½	<½	115	37	"	D	Sandy loam 4;soft blue clay 60;sandy blue clay 66;hard blue clay 90;hardpan 104;red Medina rock 115. Water at 115.
Con I	"	5	W.Esau	F.Merritt	Jan.14,1966	6½	5	30	12	"	D	Brown sand 10;blue clay 60;red clay gravel 87;coarse gravel 90. Water at 89.
Con I	"	5	H.Susein	"	July 8,1967	6½	1	75	20	"	D	Brown sand 10; blue clay 60;red clay gravel 75;red shale 85. Water at 77.
Con I	"	8	G.Devries	W.Lounsbury & Sons	June25,1967	6½	16	60	15	"	D	Sandy loam 4;soft blue clay 78;heaving sand coarse gravel 88. Water at 88.
Con I	"	16	Ont.Dept. of Agriculture	"	Aug.16,1966	6½	<½	159	48	Salt	D	Red sandy topsoil 5;soft brown clay 14;soft blue clay 90; sandy blue clay 130;sandy blue clay small coarse gravel 140; fine grey heaving sand small coarse gravel 150;red Medina rock 159. Water at 150.
Con I	"	17	J.Furedi	W.Field & Son	Nov. 2,1964	6½	5	125	50	Fresh	D,S	Brown sand 10;blue clay stones 120;sand gravel 130. Water at 125.
Con I	"	17	Can.Dept. of Agriculture	W.Lounsbury & Sons	Sep.23,1966	6½	1	144	51	Salt	D	Sandy topsoil 12;soft blue clay 90;hard blue clay 103;soft sandy blue clay 116;fine heaving grey sand small stones 130; fine heaving grey sand 140;red Medina rock 144. Water at 140.
Con I	"	17	O.Jurisson	"	June20,1967	6½	1	115	44	Mineral	D	Soft blue clay 107;red sand 113;red shale stones 116. Water at 113.
Con II	"	1	B.Hill	"	June 7,1965	6½	1	64	43	Fresh	D	Hard clay 17;soft clay 66;coarse gravel 74;fine gravel 78½; coarse gravel 80. Water at 78½.
Con II	"	3	H.Janzen	"	July 8,1966	6½	16	60	14	"	D	Sandy loam 5;brown clay 15;soft blue clay 70;hard blue clay 89;sand coarse gravel 91. Water at 91.
Con II	"	3	O.Jurisson	"	May25,1966	6½	16	87	20	"	D	Brown sandy loam 6;soft blue clay 68;sandy blue clay 87; small coarse gravel. Water at 87.
Con II	"	3	A.Weanburger	S.Merritt	Apr.18,1967	6½	25	109	35	"	D	Clay sand 80;packed red sand 92;red shale 109. Water at 106.
Con II	"	3	L.Balt	"	Nov. 4,1967	6½	½	108	35	"	D	Grey clay 80;gravel clay 92;red shale 108. Water at 96.
Con II	"	4	I.Crown	F.Merritt	May 24,1965	6½	3	75	15	"	D	Brown clay 5;brown sand 9;blue clay 30;red gravel clay 75; red gravel 86;red shale 96. Water at 91.
Con II	"	5	J.Braun	W.Lounsbury & Sons	Aug.31,1964	6½	8	80	15	"	D	Sandy loam 9;blue clay 93;fine sand gravel 95;sandy blue clay 106;fine gravel 107. Water at 107.
Con II	"	5	E.Breitkreuz	F.Merritt	Apr.11,1966	6½	10	25	15	"	D	Brown clay 30;red sand 60;red gravel 94;red gravel 96. Water at 96.
Con II	"	6	D.Fast	"	May 12,1966	6½	10	15	10	"	D	Red sandy loam 60;red gravel 78;gravel 82. Water at 82.
Con II	"	8	G.Lawson	W.Lounsbury & Sons	Oct.25,1964	6½	8	85	33	"	D	Fine red sand 8;soft blue clay 68;hard blue clay 75;red hardpan 83;red Medina shale 88. Water at 88.
Con II	"	8	D.Boese	"	Nov. 2,1964	6½	1	80	50	"	D	Hard brown clay 22;blue clay 60;hard blue clay 68;red hardpan 76½;red Medina rock 89. Water at 87.
Con II	"	12	F.Kuhn	"	Apr.30,1964	6½	5	80	58	"	D	Sandy loam 4;hard brown clay 18;blue clay 92;coarse gravel 93. Water at 93.
Con II	"	13	G.Proctor	"	June20,1964	6½	6	80	44	"	D	Sandy loam 5;blue clay 86;hardpan 94;blue clay 112;hardpan 119 red Medina rock 122. Water at 120.
Con II	"	13	W.Reimer	S.Merritt	Apr.14,1966	6½	2	125	45	"	D	Clay sand 85;stones gravel 118;red shale 125. Water at 123.
Con II	"	20	P.Kroeker	W.Lounsbury & Sons	May 1,1967	6½	½	100	42	"	D	Hard clay 78;red hardpan 86½;red Medina rock 105. Water at 100.
Con III	"	1	L.Vottero	S.Merritt	July26,1966	6½	5	65	35	"	D	Grey clay 70;sand clay 83;sand 85. Water at 85.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Louth Twp. - cont. Con III lot 2	J. Fast	W. Field & Son	Oct. 16, 1965	6½	1	105	40	Fresh	D	Gravel loam 15; blue clay 70; fine sand 80; red clay shale 90; red shale gravel 105. Water at 100.
Con III " 5	E. Roseman	W. Lounsbury & Sons	June 8, 1965	6½	20	60	Flows	"	Ir	Soft brown clay 15; soft blue clay 61; sandy blue clay 85; small coarse gravel 86. Water at 86.
Con III " 6	H. VanKoevinge	"	July 10, 1964	6½	3	70	15	"	C	Sandy loam 6; blue clay 80; sandy blue clay 100; fine coarse gravel 101. Water at 101.
Con III " 6	C. Paulin	W. Field & Son	July 14, 1966	6½	10	34	24	"	D	Brown sand 5; blue clay 80; soft sandy blue clay 90; brown hardpan 103. Water at 103.
Con III " 7	B. DeVries	W. Lounsbury & Sons	Sep. 25, 1964	6½	11½	78	33	"	D	Hard brown clay 14; soft blue clay 79; hard clay small stones 87; red hardpan 93. Water at 93.
Con III " 13	P. Funk	"	Apr. 2, 1964	6½	4	100	49	"	D, S	Sandy loam 6; blue clay 90; hardpan 107; red Medina rock 108. Water at 107.
Con III " 13	M. Smith	S. Merritt	Apr. 14, 1967	6½	10	75	60	"	D	Clay 80; clay packed sand 102; red shale 105. Water at 105.
Con III " 14	J. Berman	W. Field & Son	Dec. 26, 1967	6½	5	120	52	"	D	Brown sandy loam 10; brown clay 30; blue clay gravel 120; red shale gravel 132. Water at 128.
Con IV " 2	J. Nazar	S. Merritt	May 14, 1965	6½	4	75	35	"	D	Clay 85; clay gravel 87; clay 124; red clay 134; red shale 160. Water at 87.
Con IV " 15	M. Staff	W. Field & Son	Sep. 23, 1966	6½	4	125	45	"	S	Dark sand 10; blue clay 120; red shale 140. Water at 130.
Con V " 5	W. Eller	F. Merritt	July 29, 1967	6½	10	75	60	"	D, S	Brown clay 20; blue clay 165; sand gravel 170. Water at 170.
Con V " 5	D. Saunders	W. Lounsbury & Sons	June 30, 1967	6½	16	60	30	"	C	Soft blue clay 140; sandy blue clay 142; red Medina rock 146. Water at 142.
Con V " 13	J. Penner	W. Field & Son	Apr. 15, 1964	6½	1	135	45	"	N	Blue clay 70; boulders stones 73; dark clay stones 80; soft red shale 89; soft red shale 135. Water at 85.
Con V " 13	"	"	May 8, 1964	6½	2	85	40	"	M	Blue clay 80; fine gravel 84; red shale 100. Water too hard. Water at 80.
Con V " 13	"	W. Lounsbury & Sons	May 13, 1964	6½	1½	80	38	"	D	Sandy loam 3; soft blue clay 64; hard blue clay 80; small coarse gravel 81. Water at 81.
Con VI " 22	Niagara Peninsula Conservation Authority	"	Mar. 2, 1964	7	1	55	12½	"	P	Topsoil stones 8; soft clay 13; gravel shale 18; limestone 46; red shale 51; limestone 58. Water at 55.
Con VI " 18	P. Slider	F. Merritt	May 20, 1966	6½	2	45	14	"	D	Brown clay 3; grey limestone 50. Water from 15 to 45.
Con VI " 18	M. Campeau	"	Sep. 19, 1967	6½	5	30	12	"	D	Brown clay 15; blue clay 16; grey limestone 46. Water at 35.
Con VI " 22	R. Izard	"	Sep. 16, 1967	6½	1	75	30	"	D	Brown loam 6; blue clay 42; grey limestone 80. Water at 60 and 65.
Con VI " 22	H. Bampel	"	Sep. 23, 1967	6½	10	40	30	"	D	Brown clay 20; blue clay 32; grey limestone 57. Water at 40 and 55.
Con VI " 23	Niagara Pen. Cons. Auth.	W. Lounsbury & Sons	Sep. 11, 1965	6½	1½	100	77	"	P	Hard brown clay 42; limestone 100. Water at 100.
Con VIII " 2	Dr. J. Wilson	"	Oct. 10, 1964	8	90	154	64	"	P	Hard brown clay 18; soft blue clay 188; heaving gravel 229; coarse gravel 243. Water from 233 to 243.
Con VIII " 5	R. Gretzinger	S. Merritt	June 4, 1965	6½	1½	160	75	"	"	Grey clay 60; grey clay quicksand 156; sand gravel 159; quicksand 264; sand gravel silt 266; red shale 273. Water at 158, and 266 to 273.
Con VIII " 7	J. Larson	F. Merritt	July 11, 1964	6½	2	80	30	"	D	Blue clay 70; grey shale 85. Water at 75.
Con VIII " 10	C. Lookyer	W. Field & Son	June 24, 1964	6½	1	70	39	"	D	Brown clay 14; grey limestone 70. Water at 60.
Con VIII " 12	D. Hallett	F. Merritt	July 21, 1965	6½	10	15	12	"	D	Brown clay 30; blue clay 32; grey shale 34; grey limestone 35. Water at 35.

LINCOLN COUNTY - cont.  
Niagara Twp.

lot 11	Niagara Builders Ltd.	W.Lounsbury&Sons	May12,1967	6½	½	75	14	"	D	Fine red sand 16;soft blue clay 46;red hardpan 50;red Medina rock 77. Water at 75.
" 20	N.Komandanski	F.Merritt	Oct.24,1964	6½	10	30	20	"	D	Brown clay gravel 15;sand 18;red gravel 22;blue clay 60;red gravel clay 64;gravel 66. Water from 64 to 66.
" 26	W.Franken	W.Lounsbury&Sons	Oct.28,1965	6½	16	55	9	"	D	Sandy loam 6;blue clay 58;small coarse gravel 60. Water at 60.
" 30	T.Vandelaar	"	Aug.25,1966	6½	5	70	10	"	D	Hard brown clay 1;sandy loam 6;soft brown clay 60;red hardpan 70;red Medina rock 79. Water at 70.
" 31	J.Marynissen	"	Aug.13,1966	6½	1	85	13	"	S	Hard brown clay 17;soft blue clay 51;red hardpan 64;red Medina rock 89. Water at 77.
" 36	P.Pinella	F.Merritt	July13,1964	6½	2	85	25	"	D	Brown clay 30;blue clay 65;red gravel 68;red shale 87. Water at 85.
" 37	G.Fraser	W.Lounsbury&Sons	Oct.18,1965	6½	½	80	21	Mineral	D	Sandy loam 8;soft blue clay 66;fine red sand 70;fine grey sand 71;red hardpan 72;red Medina rock 90. Water at 90.
" 39	W.McCook	F.Merritt	Nov. 8,1966	6½	1½	55	10	Fresh	D	Red clay 22;red shale 71. Water at 68.
" 52	G.Coss	W.Lounsbury&Sons	May16,1966	6½	5	52	Flows	"	D	Hard clay 10;soft blue clay 44;sandy blue clay 52;red Medina rock 54. Water at 54.
" 52	S.Zuk	F.Merritt	Nov.25,1966	6½	10	10	"	"	D	Blue clay 50;red gravel 53. Water at 53.
" 61	Niagara Twp.	International Water Supply Ltd.	Nov. 3,1964	6½	10	10	"	"	T	Brown clay 14;grey clay 44;red grey clay gravel hard packed 55;red clay 58;red grey shale 90. Dry hole.
" 62	L.Jenney	F.Merritt	Mar.29,1965	6½	2	75	6	"	D	Red clay 35;quicksand 60;red gravel 66;red shale 83. Water at 68.
" 62	L.Stuzka	W.Lounsbury&Sons	Oct.11,1966	6½	½	75	9	"	D	Sandy loam 3;hard brown clay 12;soft blue clay 52;red hardpan 65;red Medina rock 75. Water at 70.
" 67	G.Hummel	F.Merritt	July 5,1965	6½	3	70	10	"	D	Brown clay gravel 60;red gravel 70;red shale 74. Water at 73.
" 75	Niagara Twp.	International Water Supply Ltd.	Oct.30,1964	6½	3	70	10	"	T	Brown clay gravel 11;grey red clay 45;fine sand gravel 49;red grey clay gravel streaks 60;fine sand silt fine gravel 84;red clay 87;red blue shale. Dry hole.
" 75	"	"	Oct.20,1964	6½	3	70	10	"	T	Brown grey clay 11;fine sand fine gravel clay 20;blue red clay gravel 22;fine silty sand clay 53;fine sand clay gravel streak 60;red clay gravel streak 68;red shale limestone streak 85.
" 75	"	"	Oct.21,1964	6½	3	70	10	"	T	Brown grey clay 11;blue clay 48;fine sand silt clay 55;blue red clay 58;fine sand silt clay streak 74;red blue shale 96.
" 75	"	"	Oct.23,1964	2	33	34	13	Salty	T	Brown clay gravel 10;grey clay 42;fine gravel sand 56;coarse gravel boulders sand 60;grey red clay 65;sand fine sand silt 81;red blue shale 85. Water at 42.
" 75	"	"	Oct.28,1964	2	33	34	13	Salty	T	Brown clay gravel 13;grey clay gravel 34;brown clay gravel 47;gravel sand clay streaked 54;red clay hard gravel 61;gravel sand boulders clay 85;red blue shale 90. Water at 61.
" 75	"	"	Oct.29,1964	6½	10	50	15	Fresh	T	Brown clay gravel 14;grey clay gravel 26;grey clay silt streak 46;gravel sand clay 55;red grey clay gravel streak 68;fine sand streak silt clay 80;red blue shale 83.
" 75	G.Enns	F.Merritt	Oct.12,1967	6½	10	50	15	Fresh	D,S	Brown clay 20;blue clay gravel 45;red quicksand 58;gravel 62. Water at 61.
lot 76	J.Maziarz	F.Merritt	June25,1966	6½	10	25	18	Fresh	D	Red clay gravel 75;sand 82. Water at 82.
" 76	"	"	June 2,1967	6½	1	65	15	"	D	Red sandy clay 40;red quicksand 65;red gravel clay 69;red shale 75. Water at 74.
" 82	P.Janzen	W.Lounsbury&Sons	Jan.20,1964	7	1	50	27	"	D	Soft clay 31;red hardpan 37;red shale 52. Water at 52.
" 85	Niagara Twp.	International Water Supply Ltd.	Nov. 5,1964	2	30	27	½	"	T	Brown grey clay 10;grey clay 55;brown hard clay 60;silt 68;brown clay sandy hard 73;sand fine sand gravel streaks 88;shale. Water at 73.
" 85	"	"	Nov. 6,1964	2	30	27	½	"	T	Brown clay 11;grey clay 55;red grey hard clay 61;silty clay 63;red grey clay hard 74;gravel sand boulders streaked 89;shale 90. Water at 74.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Niagara Twp. - cont.										
lot 85	Niagara Twp.	International Water Supply Ltd.	Nov.10,1964	2			Flows	Fresh	T	Brown clay 11;grey sticky clay 56;sandy red hard clay 70; fine sand silt fine gravel 92;shale 93. Water at 70.
" 85	A.Costanza	W.Lounsbury&Sons	Dec. 9,1966	6 1/2	11	60	13	"	D	Hard clay 12;red sand 38;blue clay 42;red hardpan 48;red Medina rock 65. Water at 65.
" 101	A.Schachowskoj	"	Oct. 3,1966	6 1/2			30	Salty	D	Hard brown clay 4;soft blue clay 35;red hardpan 39;red Medina rock 58. Water at 58.
" 111	C.Parent	"	Oct.14,1966	6 1/2	6	66	13	Fresh	D	Sandy loam 5;hard brown clay 10;soft blue clay 50;small stones hard blue clay 58;fine red sand gravel 66;red Medina rock 67. Water at 66.
" 127	E.Fitz	"	July18,1966	6 1/2	6 1/2	57	9	"	D	Hard brown clay 5;soft brown clay 25;soft blue clay 40;red hardpan 47;red Medina rock 57. Water at 55.
" 139	E.Corneil	W.Field & Son	May 1,1967	6 1/2	3	35	10	"	D	Clay stones 17;limestone 46. Water at 40.
" 139	P.Damside	"	May 9,1967	6 1/2	4	40	8	"	D	Loose stones 10;limestone 50. Water at 40.
" 141	S.Lament	W.Lounsbury&Sons	Jan.22,1964	7	20	95	79	"	D	Hard clay 18;soft clay 38;red sand 84;red hardpan 88;red shale 112. Water at 112.
" 142	D.D'Amours	"	Feb. 5,1965	6 1/2	3	108	84	"	D	Hard brown clay 18;herd red sand 48;soft red sand 94;red Medina rock 119. Water at 119.
" 145	F.Schrubber	F.Merritt	Oct. 8,1965	6 1/2	1	75	15	Salty	D,S	Brown clay 10;red clay gravel 30;red shale 90. Water at 85.
" 148	D.O'Sullivan	"	July 1,1967	6 1/2	10	15	5	Fresh	D	Red clay 6;red shale 28. Water at 26.
" 153	R.Snider	W.Lounsbury&Sons	Sep.10,1964	6 1/2	1	1	15	"	D	Hard brown clay 18;blue clay 69;fine sand coarse gravel 90; red Medina rock 93. Water at 90.
" 155	H.Wiens	"	Nov.24,1966	6 1/2	8	50	7	"	S	Hard stony clay 34;sandy clay 52;fine sand 58;coarse gravel 60. Water at 58.
" 157	W.Penner	"	June26,1965	6 1/2	20	20	3	"	D	Hard brown clay stones 21;fine sand 32;small uniform gravel 34. Water at 34.
" 160	G.Stevens	"	June 2,1967	6 1/2	3	40	13	"	D	Red sand 18;grey sand 47;red hardpan 49;red Medina rock 50. Water at 49.
" 161	J.Falk	W.Field & Son	May13,1966	7	20	30	10	"	D,S	Brown clay 5;blue clay 35;sand gravel 45;blue clay 46. Water at 40.
" 162	E.Hann	F.Merritt	Feb. 5,1964	6 1/2	10	25	15	"	D	Red packed gravel 33;grey gravel 34. Water at 34.
" 162	D.Lambert	W.Lounsbury&Sons	Feb.14,1964	7	2	70	15	"	D	Hard brown clay 18;soft blue clay 38;fine red sand 58;red Medina rock 70. Water at 65.
" 168	C.Duomo	"	Sep. 9,1966	6 1/2	4	80	9	"	D	Sandy loam 10;soft blue clay 44;fine red sand stones 66;fine sand gravel clay 80;fine red sand 85;red Medina rock 87. Water at 85.
" 169	A.Jantini	"	Aug.13,1964	6 1/2	16	80	12	"	D	Hard brown clay 10;sandy blue clay 60;blue clay 84;fine gravel 85. Water at 85.
" 170	T.Sulatycky	F.Merritt	Jan.11,1966	6 1/2	1	60	20	"	D	Gravelly clay 30;blue clay 75;red gravel 88;red shale 98. Water at 90.
" 174	W.Butsky	W.Lounsbury&Sons	July19,1965	6 1/2	30	30	10 1/2	"	Ir	Soft loam 3;soft blue clay 40;sandy red clay 54;fine sand gravel 72;small coarse uniform gravel 73. Water at 70.
lot 187	K.Ainumae	W.Lounsbury&Sons	Aug.20,1964	6 1/2	3	60	12	Fresh	D	Sandy loam 12;blue clay 40;grey fine sand 50;red Medina rock 70. Water at 65.
" 187	Niagara Builders	"	Nov.12,1965	6 1/2	3	70	11	"	D	Sandy loam 6;soft blue clay 40;hardpan 48;red Medina rock 74. Water at 70.
" 187	C.Whitelock	"	Aug.30,1966	6 1/2	8	60	12	"	D	Sandy loam 10;soft blue clay 25;soft blue clay stones 30;red hardpan 44;red Medina rock 64. Water at 55.
" 187	W.Lonergan	"	Sep. 2,1966	6 1/2	8	60	12	"	D	Sandy loam 10;soft blue clay 18;blue clay stones 24;blue clay 30;red hardpan 45;red Medina rock 64. Water at 60.
" 187	H.Beschre	W.Field & Son	July13,1967	6 1/2	1	80	18	"	D,S	Brown clay 10;blue clay 30;red shale 82. Water at 50.
" 187	M.Nicholson	"	July19,1967	6 1/2	10	30	18	"	D	Brown clay 20;blue clay stones 40;red shale 64;coarse gravel 68. Water at 64.

LINCOLN COUNTY - cont.  
Niagara Twp. - cont.

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H.Butler & Son

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G.Litniewski

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H.Tiels

C.Lindsay

P.Epp

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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Niagara Twp. - cont. Formerly Grantham Township - cont.										
PGT Con I " 5	G.Stevens & A.Champion	F.Merritt	Feb. 3, 1967	6 1/2	1 1/2	55	25	Fresh	D	Dug well 18; red clay gravel 56; red shale 60. Water at 44.
PGT Con I " 5	A.Atherton	"	Feb. 20, 1967	6 1/2	1 1/2	55	25	"	D	Red clay gravel 38; red shale 65. Water at 40.
PGT Con I " 5	F.Oliver	"	Apr. 15, 1967	6 1/2	1 1/2	70	30	"	D	Red gravelly clay 32; red shale 72. Water at 34.
PGT Con I " 5	H.VanDoorn	W.Field & Son	June 28, 1967	6 1/2	1 1/2	68	18	"	D	Brown sand 10; blue clay 40; blue clay gravel 44; red shale 68. Water at 60.
PGT Con I " 6	A.Oakie	W.Lounsbury & Sons	Nov. 14, 1964	6 1/2	6	72	18	"	D	Red sand 24; soft blue clay 36; red hardpan 52; red Medina rock 72. Water at 72.
PGT Con I " 7	A.Langendoen	"	June 12, 1964	6 1/2	5	70	16	"	D	Sandy loam 18; blue clay 41; sandy blue clay 53; hardpan 56; red Medina rock 70. Water at 68.
PGT Con I " 7	H.Bakker	"	Nov. 20, 1965	6 1/2	6	60	16	"	In	Sandy loam 8; soft blue clay 45; red hardpan 53; red Medina rock 71. Water at 70.
PGT Con II " 1	H.Suttor	F.Merritt	Apr. 19, 1967	6 1/2	5	25	15	"	D	Red sandy clay 20; blue clay 35; red shale 57. Water at 56.
PGT Con II " 1	W.Zabek	"	Aug. 26, 1967	6 1/2	5	30	20	"	D	Brown clay 20; red sand 42; gravel 44. Water at 44.
PGT Con II " 2	J.Robertson	W.Lounsbury & Sons	Jan. 25, 1967	6 1/2	4	55	12	"	D	Hard clay 3; sandy clay 22; hard clay 28; blue clay 46; fine sand 51; red hardpan 54; red Medina rock 68. Water at 68.
PGT Con II " 3	R.Watson	"	June 24, 1965	6 1/2	3	65	13	"	D	Hard clay 18; blue clay 35; hardpan 40; red Medina rock 65. Water at 62.
PGT Con II " 3	E.Pries	F.Merritt	June 24, 1966	6 1/2	10	30	25	"	D	Red sandy loam 62; red shale 71. Water at 64.
PGT Con II " 3	J.Fraser	"	Aug. 26, 1967	6 1/2	5	30	20	"	D	Brown sand 15; reddish packed sand 45; sand gravel 51. Water from 50 to 51.
PGT Con II " 3	F.Goertz	"	Aug. 26, 1967	6 1/2	5	60	20	"	D	Brown clay 30; red packed sand 50; soft red shale 65. Water at 65.
PGT Con II " 8	S.Sapielsak	"	June 24, 1966	6 1/2	10	25	18	"	D	Red clay gravel 40; red shale 60. Water at 44.
PGT Con II " 9	I.Jelenic	W.Lounsbury & Sons	Oct. 1, 1964	6 1/2	6	78	22	"	D	Hard brown clay 8; soft red sand 16; soft blue clay 42; hardpan clay 59; red hardpan 67; red shale 78. Water at 78.
PGT Con II " 9	P.Demydas	"	Nov. 20, 1964	6 1/2	1 1/2	83	18	"	D	Red sand 8; blue clay 44; hard clay 56; hardpan 74; red Medina rock 83. Water at 83.
PGT Con III " 3	R.Servos	"	Jan. 6, 1967	6 1/2	1	55	16	"	D	Hard clay stones 19; soft clay 34; hard stony clay 56; sandy clay 64; red hardpan 70; red Medina rock 73. Water at 73.
PGT Con III " 6	O.Jurisson	"	May 15, 1966	6 1/2	1 1/2	91	15	Salty	D	Loam 2; hard clay 25; soft blue clay 56; hardpan 77; red Medina rock 91. Water at 88.
PGT Con IV " 1	Adams Poultry Co., Ltd.	"	Aug. 15, 1965	6 1/2	4	65	9	Mineral	D	Soft blue clay 65; sand gravel 67; red Medina rock 69. Water at 67.
PGT Con IV " 3	F.Stewart	W.Lounsbury & Sons	July 8, 1966	6 1/2	8	50	15	Fresh	D, S	Hard brown clay stones 20; soft blue clay 50; fine red sand 58; fine coarse gravel 62. Water at 62.
PGT Con IV " 4	R.Tyler	F. Merritt	Oct. 14, 1967	6 1/2	10	25	17	"	D, S	Brown clay 30; blue clay 60; sand gravel 68. Water at 68.
PGT Con IV " 7	J.Rossetto	W.Lounsbury & Sons	Aug. 25, 1967	6 1/2	16	40	24	"	D	Red sandy loam 25; soft blue clay 71; heaving sand gravel 80. Water at 78.

LINCOLN COUNTY - cont.

N.Grimbsby Twp.

Con II	lot 3	Dr.C.Gdonski	W.Packham	June17,1966	6 1/2	3	90	45	Fresh	D	Stony clay topsoil 2;shale 5;limestone 45;soft grey shale 65; harder limestone 92. Water at 62.
Con II	" 4	B.Baradzlej	"	Mar. 3,1965	6 1/2	6	60	24	"	D	Sandy loam clay 2;shale rock 5;limestone shale 65;grey shale 68. Water at 38 and 60.
Con II	" 4	J.VanHueman	S.Merritt	Aug.10,1967	6 1/2	2	48	15	"	D	Grey clay 2;grey rock 48. Water from 35 to 46.
Con II	" 4	J.Gillespie	F.Merritt	Aug.29,1966	6 1/2	1	35	15	"	D	Brown clay 1;grey limestone 42. Water from 18 to 22.
Con II	" 5	E.Andrews	"	Oct. 2,1964	6 1/2	1	28	4	"	D	Brown loam 2;grey limestone 30. Water at 15.
Con II	" 8	B.Miller	"	Feb.26,1964	6 1/2	2	35	8	"	D	Brown clay 3;grey limestone 10;red shale 35. Water from 20 to 30.
Con II	" 8	H.Lip	"	Sep.29,1965	6 1/2	2	30	12	"	D,S	Brown clay 6;grey limestone 10;red shale 38. Water at 22.
Con II	" 8	N.Lunt	S.Merritt	Nov.22,1965	6	2	56	15	"	D	Clay 2;Niagara rock 56. Water at 35.
Con II	" 10	T.Dobrowsky	G.Wallis	Oct. 1,1964	6 1/2	6	25	17	"	D	Brown clay 9;grey limestone 35. Water at 34.
Con II	" 12	Shafer Bros.	S.Merritt	Nov. 8,1965	6 1/2	1 1/2	45	18	"	D	Shale 4;Niagara rock 45. Water at 26.
Con II	" 12	R.VanSteeland	F.Merritt	Aug. 1,1966	6 1/2	10	30	22	Sulphur	D	Grey clay 32;limestone 68. Water at 67.
Con III	" N	H.Clark	W.Field & Son	July 6,1965	6 1/2	30	16	8	Fresh	D,S	Blue clay gravel 9;limestone 28. Water at 25.
Con III	" N	R.Sweet	"	July 7,1965	6 1/2	5			Flows	D	Blue clay 14;limestone 25. Water at 22.
Con III	" C	R.Robertson	S.Merritt	June17,1967	6 1/2	3	40	14	"	D	Grey clay boulders 10;grey Niagara rock 55. Water from 35 to 50.
Con III	" C	G.Ward	"	Nov. 6,1967	6 1/2	12	42	30	"	D	Grey clay loose rock 60. Water from 45 to 58.
Con III	" N	Stad Lumber Co	W.Field & Son	June12,1967	8	5	34	10	"	D	Loose stone 5;white limestone 30;blue limestone 52. Water at 30.
Con III	" 1	R.King	F.Merritt	July22,1966	6 1/2	1	55	30	"	D	Brown clay 7;limestone 60. Water at 45.
Con III	" 1	L.Plkor	S.Merritt	Oct. 8,1961	6 1/2	14	20	12	"	D	Brown clay 6;limestone 43. Water from 30 to 38.
Con III	" 4	N.Myronuk	F.Merritt	Aug. 4,1965	6 1/2	10	25	12	"	D	Brown clay 13;grey limestone 35. Water at 32.
Con III	" 4	M.Klein	S.Merritt	Jan. 9,1964	6 1/2	1 1/2	41	12	"	D	Clay 2;rock 41. Water at 38.
Con III	" 7	A.Kozuh	"	Oct.10,1967	6 1/2	12	30	30	"	D	Grey clay 27;limestone 42. Water from 38 to 40.
Con III	" 8	R.Cooke	F.Merritt	Oct. 1,1966	6 1/2	2 1/2	60	35	Sulphur	C	Blue clay 38;grey limestone 72. Water at 55.
Con III	" 9	W.Palmer	W.Field & Son	Nov.28,1966	6 1/2	5	45	20	Fresh	D	Dug well 20;limestone 70. Water at 45.
Con III	" 12	H.Ryckman	G.Wallis	May28, 1966	6 1/2	5	35	18	Sulphur	D	Brown clay 14;grey clay 34;grey limestone 39;dark grey limestone 49. Water at 47.
Con III	" 16	W.Vanderploeg	F.Merritt	Aug.18,1967	6 1/2	2	40	17	Fresh	C	Brown clay 20;blue clay 26;grey limestone 54. Water at 32.
Con III	" 17	VaryEquipment	"	July28,1964	6 1/2	10	45	30	Sulphur	C	Blue clay 20;grey limestone 60. Water at 58.
Con III	" 17	H.Jeffries	"	Jan.23,1965	6 1/2	10	20	15	Fresh	D	Blue clay 23;grey limestone 37. Water at 36.
Con III	" 17	Grimbsby Heights Builders	"	Dec.14,1965	6 1/2	10	25	15	"	D	Brown clay 20;blue clay 25;grey limestone 40. Water from 28 to 39.
Con III	" 18	C.VanLeeuwen	"	July31,1964	6 1/2	10	40	30	Sulphur	S	Blue clay 16;grey limestone 60. Water at 58.
Con III	" 18	"	"	Nov.11,1966	6 1/2	5	65	38	"	S	Blue clay 38;grey limestone 85. Water at 83.
Con III	" 20	H.Jeffries	"	Feb.13,1965	6 1/2	10	55	45	"	D	Blue clay 28;grey limestone 70. Water at 70 and 35.
Con III	" 20	Grimbsby Heights Builders	"	Dec.18,1965	6 1/2	1 1/2	55	20	"	D	Brown clay 13;grey limestone 68. Water at 25 and 68.
Con III	" 20	Hogeveens Auto Service	"	June16,1966	6 1/2	5	65	32	Fresh	D	Blue clay 27;limestone 80. Water at 75.
Con III	" 22	Grimbsby Heights Builders Ltd.	"	June19,1965	6 1/2	5	90	30	"	D	Brown clay 39;grey rock 95. Water at 45 and 85.
Con III	" 22	"	"	Aug.24,1965	6 1/2	2	85	45	"	D	Brown clay 35;blue clay 45;grey limestone 101. Water at 65 and 100.Well plugged back to 93 ft. salt at 101.
Con III	" 22	"	"	Oct.15,1965	6 1/2	6	65	35	"	D	Brown clay 25;blue clay 32;grey limestone 75. Water at 55.
Con IV	" D	G.Lounsbury	"	Aug.31,1964	6 1/2	6	25	15	"	D	Brown loam 30;grey shale 33. Water from 30 to 33.
Con IV	" D	P.Miekusz	"	Sep.11,1964	6 1/2	10	40	30	"	D	Brown clay 20;blue clay 30;grey limestone 62. Water at 60.
Con IV	" M	J.Berzins	"	Aug.10,1964	6 1/2	10	22	10	"	D	Blue clay 3;grey limestone 35. Water at 34.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. N.Grimsby Twp. - cont.										
Con IV lot M	J.Mishko	W.Field & Son	Aug.14,1964	7	32	25	12	Fresh	D	Brown clay gravel 10;blue clay gravel 14;stones gravel 16;blue rock 32;grey rock 40. Water at 32.
Con IV " 6	C.Pappas	F.Merritt	Aug.10,1967	6 1/2	10	15	8	"	S	Brown clay 4;grey limestone 35. Water at 30 and 35.
Con IV " 9	J.Winchester	W.Field & Son	July30,1966	6 1/2	10	6	6	Sulphur	D	Blue clay 16;sandy gravel 18;limestone 21. Water at 21.
Con IV " 9	GrimsbyPoultry Farm	S.Merritt	Oct. 3,1966	6 1/2	16	12	10	Fresh	S	Grey clay 20;Niagara rock 40. Water from 32 to 40.
Con IV " 9	I.Bschulkow	"	June 2,1967	6 1/2	5	10	12	"	D	Grey clay 17;shale 19;Niagara rock 40. Water at 33.
Con IV " 17	H.Jeffries	F.Merritt	May 7,1964	6 1/2	10	20	10	"	S	Blue clay 15;grey limestone 30. Water at 25.
Con IV " 20	K.Brogan	"	June26,1965	6 1/2	10	15	10	"	D	Brown clay 18;grey rock 35. Water at 32.
Con IV " 20	J.Zonneveld	"	Sep.18,1967	6 1/2	10	15	10	"	D	Blue clay 18;grey limestone 33. Water at 32.
Con IV " 21	H.Jeffries	"	Aug. 4,1964	6 1/2	5	35	4	"	D	Blue clay 20;grey limestone 40. Water at 35.
Con IV " 21	"	"	Feb. 9,1965	6 1/2	10	15	4	"	D	Blue clay 21;grey limestone 35. Water at 32.
Con IV " 21	Grimsby Heights Builders	"	Sep.14,1966	6 1/2	10	15	6	"	D	Brown clay 14;grey limestone 29. Water at 26.
Con IV " 21	R.McPherson	"	Sep.14,1966	6 1/2	10	10	6	"	D	Brown clay 14;grey clay 15;grey limestone 29. Water at 28.
Con IV " 21	H.Jeffries	"	July31,1967	6 1/2	10	10	6	"	D	Brown clay 4;blue clay 24;grey limestone 35. Water from 30 to 35.
Con V " L	A.Batenburg	"	May 19,1967	6 1/2	5	25	4	"	D	Brown clay 2;grey limestone 31. Water at 10 and 24.
Con V " 3	R.Sinichko	"	Mar.15,1967	6 1/2	10	24	20	"	D	Brown clay 21;grey limestone 35. Water at 34.
Con V " 5	N.Myronuk	S.Merritt	Dec. 4,1965	6 1/2	12	22	18	"	D	Grey clay 5;Niagara rock 35. Water at 34.
Con V " 9	C.Husninga	F.Merritt	Sep. 9,1964	6 1/2	12	15	3	"	D	Blue clay 26;grey shale 28. Water at 28.
Con V " 9	A.Bintjema	"	Mar. 1,1966	6 1/2	20	4	Flows	"	D	Brown clay 33;grey limestone 41. Water from 33 to 41.
Con V " 9	H.Hiemstra	"	Feb.21,1966	6 1/2	20	4	"	"	D	Brown clay 34;grey limestone 41. Water at 36 and 41.
Con V " 9	A.Bintjema	S.Merritt	May 29,1967	6 1/2	16	4	1	"	D	Clay 26;shale 28;rock 30. Water at 30.
Con V " 14	R.Wilcox	F.Merritt	Nov.10,1966	6 1/2	5	10	8	"	D	Blue clay 20;shale 21. Water at 21.
Con VI " K	P.Santino	W.Field & Son	Nov.16,1966	6 1/2	30	8	6	"	D,S	Grey clay 13;limestone 27. Water at 22 and 26.
Con VI " 1	B.Hollis	F.Merritt	July10,1965	6 1/2	10	25	15	"	S	Brown clay 12;grey shale 14;grey limestone 58. Water at 52.
Con VI " 2	North Grimsby Dump	"	Aug.18,1964	6 1/2	10	18	10	"	D	Blue clay 24;grey limestone 33. Water at 32.
Con VI " 18	N.Dochstader	"	June 5,1967	6 1/2	10	25	20	"	D,S	Brown clay 30;blue clay 42;grey limestone 45. Water at 45.
St.Catharines, City										
	H.Werner	W.Lounsbury&Sons	Sep. 1,1964	6 1/2				Salt	"	Hard brown clay 6;blue clay 42;hardpan 44;red Medina rock 70. Water from 44 to 70.
	T.Agnew	W.Field & Son	Oct.14,1964	6	3	70	20	Fresh	D	Brown sand 10;blue clay 50;clay gravel 60;red shale 80. Water at 56.
	P.Dennis	"	June 8,1965	6	1	85	30	"	D	Fine sand 20;blue clay 45;clay gravel 60;red shale 85. Water at 70.
	I.Jelenic	"	Oct.14,1967	6 1/2	10	70	22	"	D,S	Brown sand clay 15;blue clay gravel 75;red shale 86. Water at 82.
	E.Kitchingman	F.Merritt	Nov.23,1967	6 1/2	1	75	20	"	D	Brown loam 30;blue clay 65;quicksand 70;red packed gravel 75; red shale 85. Water at 76.

## LINCOLN COUNTY - cont.

S.Grimsby Twp.

Con A	lot H	B.Jesin	F.Merritt	Sep.11,1965	61	10	30	25	Fresh	S	Brown clay 25;dirty shale 30;grey limestone 44. Water at 42.
Con A	" 1	M.Prisciak Jr.	S.Merritt	July 28,1967	61	12	37	25	"	D	Grey clay boulders 25;grey Niagara rock 45. Water from 32 to 45.
Con A	" 16	C.Felvus	"	Apr.20,1966	61	12	18	12	"	D	Grey clay 12;limestone 29. Water from 16 to 24.
Con VII	" 9	M.Blanchard	F.Merritt	Nov.10,1967	5	10	25	18	"	D,S	Brown clay 6;shale 30;grey limestone 43. Water from 40 to 43.
Con VII	" 10	J.Fulford	"	Oct. 4,1967	61	10	20	12	"	D,S	Brown clay 20;blue clay 31;grey limestone 37. Water at 33.
Con VII	" 13	"	"	Feb.14,1964	61	10	20	15	"	D	Blue clay 50;grey shale . Water at 50.
Con VII	" 17	S.Black	S.Merritt	Mar. 2,1964	61	15	30	26	"	D	Clay 34;clay gravel 35;Niagara rock 44. Water at 44.
Con VII	" 17	C.Puharich	F.Merritt	Sep.13,1966	61	10	30	25	"	D	Brown clay 25;blue clay 38. Water at 36.
Con VII	" 17	J.Szydelko	"	Oct.10,1967	61	10	25	20	Sulphur	S	Brown clay 22;blue clay 34;grey limestone 38. Water at 37.
Con VIII	" 4	M.Lounsbury	W.Field & Son	Nov.24,1967	7	10	30	18	Fresh	D,S	Brown clay 10;blue clay 28;limestone 36. Water at 32.
Con VIII	" 10	J.Maragoudakis	S.Merritt	June 8,1966	61	16	22	20	"	D,S	Grey clay 23;Niagara rock 54. Water at 54.
Con VIII	" 12	Pappas	"	Apr. 6,1966	61	16	18	12	"	S	Grey clay 35;Niagara rock 49. Water at 42 and 49.
Con VIII	" 16	M.C.R.Chicken Farm	F.Merritt	July 2,1966	61	10	25	20	"	S	Blue clay 26;limestone 40. Water at 38.
Con VIII	" 17	M.Senkalowski	"	July 16,1964	61	10	25	20	"	S	Brown clay 15;blue clay 20;grey limestone 36. Water at 36.
Con VIII	" 25	J.Kaczor	"	Jan.13,1967	61	8	30	25	"	D,S	Brown clay 12;blue clay 16;grey limestone 40. Water at 23 and 38.
Con VIII	" 28	C.Herb	"	Dec. 5,1967	61	8	20	16	"	D	Brown clay 12;blue clay gravel 26;grey shale 28. Water at 28.
Con VIII	" 30	M.English	"	Mar.31,1965	5	5	30	15	"	D	Blue clay 12;grey shale 18;grey limestone 36. Water at 34.
Con VIII	" 31	B.Curelakos	"	May 28,1965	61	10	25	22	"	D	Blue clay 28;grey limestone 41. Water at 40.
Con VIII	" 32	T.Goneguzzi	"	May 23,1964	61	10	28	18	"	D	Blue clay 30;grey limestone 33. Water at 33.
Con VIII	" 33	C.Bowman	"	May 5,1964	61	10	25	20	"	D	Brown clay 37;grey limestone 39. Water at 39.
Con VIII	" 33	J.Urbanski	"	Feb.25,1967	61	8	25	22	"	D	Brown clay 22;blue clay 31;grey limestone 37. Water at 36.
Con VIII	" 34	R.Riddiough	S. Merritt	July 24,1966	61	15	30	17	"	D	Grey clay 34;Niagara rock 39. Water from 37 to 39.
Con VIII	" 35	S.Tripkovic	"	Aug.24,1966	61	12	25	24	"	D	Clay 33;clay boulders 35;rock 38. Water at 36.
Con IX	" 3	F.Amus	"	Oct. 7,1965	6	16	28	28	"	S	Grey clay 22;Niagara rock 45. Water at 45.
Con IX	" 5	J.Belcot	F.Merritt	Jan.17,1964	61	10	10	8	"	D	Blue clay 13;grey limestone 19. Water at 15.
Con IX	" 7	D.Urquhart	"	July 24,1964	61	10	15	8	Sulphur	D	Blue clay 6;grey limestone 32. Water at 30.
Con IX	" 8	B.Olesevich	"	Aug.27,1964	61	10	35	22	Fresh	D	Blue clay 6;grey limestone 50. Water at 48.
Con IX	" 12	A.Tomasoin	S.Merritt	Mar.15,1965	5	6	40	18	"	D	Grey clay 18;limestone 45. Water at 30 and 44.
Con IX	" 14	H.Dereniowski	F.Merritt	Oct. 3,1966	61	10	25	20	"	D,S	Blue clay 20;grey limestone 50. Water at 48.
Con IX	" 18	J.Oelkuch	S.Merritt	Mar.10,1966	61	90	18	16	"	In	Grey clay 13;grey shale 18;Niagara rock 90. Water at 22 and 53.
Con IX	" 19	C.Felvus	F.Merritt	Apr. 7,1964	61	10	30	20	"	C	Brown clay 20;grey limestone 35. Water at 32.
Con IX	" 19	S.Biluszenko	S.Merritt	Nov. 4,1965	61	15	30	28	"	D	Clay 24;shale 26;Niagara rock 45. Water from 38 to 45.
Con IX	" 19	L.Bilusenko Farm	"	Mar. 8,1967	61	16	28	24	"	S	Grey clay 22;shale 24;Niagara rock 50. Water from 35 to 46.
Con IX	" 30	P.Taylor	F.Merritt	June 7,1967	61	10	25	18	"	D,S	Brown clay 12;brown shale 18;grey limestone 42. Water at 41.
Con IX	" 31	A.Lampman	S.Merritt	Oct.20,1964	61	15	16	15	"	D	Blue clay 22;grey shale 24;Niagara rock 27. Water at 27.
Con IX	" 31	I.Lawhorodny	"	Feb.10,1966	61	16	18	14	"	S	Grey clay 19;Niagara rock 38. Water at 32 and 38.
Con IX	" 32	R.Law	F.Merritt	Dec. 1,1964	61	10	25	18	"	S	Blue clay 28;grey shale 29;grey limestone 42. Water at 41.
Con IX	" 33	T.Peterson	"	Apr.29,1963	61	10	20	15	"	D	Clay 18;grey limestone 25. Water at 25.
Con IX	" 33	A.Nelles	"	Mar.31,1964	61	10	20	12	"	D	Blue clay 13;grey limestone 27. Water at 26.
Con IX	" 33	J.Defilippis	"	July 20,1966	61	10	20	15	"	D	Blue clay 25;limestone 32. Water at 32.
Con IX	" 34	W.Danychuk	S.Merritt	Aug. 4,1967	61	16	15	12	"	D,S	Grey clay 16;grey Niagara rock 28. Water at 28.
Con IX	"	Sunshine Park									

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
<b>MANITOULIN DISTRICT</b>										
Allan Twp. Con III lot 17	K. McConnell	D. Wright	May 5, 1966	4	2	45	25	Fresh	D	Red shale 30; greyish limestone 55. Water at 35.
Con VIII " 19	A. Armstrong	"	Dec. 21, 1965	4	2	52	30	Sulphur	D	Red clay stones 17; sand gravel 22; red clay 37; grey limestone 52. Water at 44.
<b>Assiginack Twp.</b>										
Con I lot 18	S. Sim	D. Wright	June 1, 1964	4	3	50	32	Fresh	P	Sandy loam 8; brown clay 20; fine sand 60; gravelly clay 75; coarse gravel 77. Water at 77.
Con I " 22	S. McLennan	"	Apr. 11, 1964	4	6	10	6	"	P	Grey clay limestone 3; grey limestone 23. Water at 20.
Con I " 37	L. Kerr	"	Sep. 7, 1967	5						Brown clay stones 7; grey limestone 40; limestone shale streaks 57. Dry hole.
Con I " 38	G. Beatty	"	Nov. 2, 1964	4	2	35	6	Fresh	D	Grey clay boulders 10; limestone 30; limestone shale streaks 36. Water at 22.
Con I " 38	H. Hall	"	Sep. 11, 1965	4	2	25	5	"	D	Stony clay 10; grey limestone 25. Water at 20.
Con I " 38	J. Hembruff	"	Aug. 9, 1966	4	1 1/2	30	12	"	D	Dug well 10; grey limestone 31. Water at 25.
Con I " 39	C. Beatty	"	May 15, 1967	5						Blue clay stones 16; grey limestone 35; blue limestone shale 85. Dry hole.
Con I " 40	G. Bowerman	"	Sep. 26, 1966	4	1	30	6	Fresh	D	Brown clay 10; grey limestone 28; blue shale 30. Water at 24.
Con II " 19	W. Sim	"	Sep. 16, 1966	4						Brown clay 29; quicksand 45; grey limestone 80; blue shale 98; black shale 103. Dry hole.
Con II " 23	N. Sim	S. & O. Wright	June 30, 1966	5	5	10	10	gas	D	Clay boulders 20; rock 25. Water at 24.
Con II " 23	"	"	June 30, 1966		6	10	10	Fresh	N	Hardpan boulders 24; grey limestone 45.
Con II " 40	H. Dougall	D. Wright	May 2, 1967	4	1 1/2	42	10	Alkali	P	Dug well 22; blue clay 24; grey limestone 45. Water at 37.
Con IX " 27	H. Schack	"	Aug. 18, 1965	4	1	30	5	Sulphur	P	Loose limestone 4; grey limestone 30. Water at 17.
Con XIV " 3	R. McCulligh	S. & O. Wright	May 28, 1964	5	5	60	27	Fresh	D, S	Clay 1; grey limestone 110. Water at 106.
Con XIV " 6	W. Case	"	Sep. 15, 1966	4	6	37	12	"	D	Light clay 6; grey limestone 57. Water at 40 and 50.
Con XIV " 9	A. Coe	"	Aug. 17, 1967	5	5	92	56	"	D	Sand gravel 2; rock hard brown limestone 102. Water at 88.
Con XV " 2	R. Chatwell	D. Wright	July 16, 1964	4	4	100	25	"	S	Brown clay 1; grey limestone 38; brown limestone 48; grey limestone 49; greyish brown limestone 105. Water at 38.
<b>Barrie Island Twp.</b>										
Con VIII lot 12	S. Runnalls	S. & O. Wright	Sep. 8, 1966	5	4	17	14	Fresh	D	Light soil stones 7; grey limestone 21. Water at 14.
<b>Billings Twp.</b>										
Con III lot 8	West Bay Indian Reserve	International Water Supply	Aug. 2, 1967	10	4	44	31	Fresh	T 2-67	Topsoil 1; sand gravel boulders 32; fine coarse sand fine gravel 44; fine coarse sand gravel streaks silt 58; fine sand 70; fine sand boulders 72; limestone. Water at 32.
Con III " 9	"	"	July 28, 1967	10					T 1-67	Topsoil 1; brown sand 31; grey fine sand 44; clay gravel 48; grey limestone 53; hard limestone 67.
Con VIII " 12	Dept. of Indian Affairs	D. Wright	Apr. 28, 1965	4					M	Shell limestone 3; grey limestone 30; grey limestone shale streaks 106. Gas at 104.
Con X " 19	C. Foster	"	July 12, 1966	4	2	25	15	Fresh	S	Brown clay 1; grey limestone 30. Water at 27.

## MANITOULIN DISTRICT -cont.

## Burpee Twp.

Con VI	lot 25	T.Gibson	D.Wright	Mar.13,1964	4	5	30	6	Fresh	D	Brown clay 3;brown limestone 40. Water at 17.
Con VII	" 37	R.Marrell	S.&O.Wright	Aug.26,1966	4	8	88	84	"	D	Light clay soil 3 $\frac{1}{2}$ ;rock grey limestone 108. Water at 68 and 97.
Con VIII	" 6	M. Russel	"	July21,1966	4	6	60	40	"	D	Grey limestone 94. Water at 88.

## Campbell Twp.

Con VI	lot 8	D.Stricker	S.&O.Wright	May 28,1965	4 $\frac{1}{2}$	6	25	25	Fresh	D	Light soil 26;rock 50. Water at 43.
Con X	" 10	C.Galbraith	"	Aug. 4,1964	5	6	35	14	"	D	Soil clay 35;hard grey rock 115. Water at 75 and 110.
Con X	" 19	N.Campbell	"	Nov. 1,1966	5	6	35	22	"	D	Rock grey limestone 77. Water at 65 and 70.
Con XI	" 10	H.McColeman	"	May 20,1965	5	6	26	10	"	D,S	Clay sand 50;grey limestone 118. Water at 60 and 112.
Con XI	" 10	Rev.Bender	"	Nov.22,1966	5	6	10	5	"	D	Brown sandy clay 46;rock 144. Water at 65 and 107.
Con XII	" 25	G.McCallister	"	Oct.26,1966	5	6	45	40	"	D	Dug well 14;grey limestone 104. Water at 55 and 94.
Con XIII	" 1	H.Gelbraith	"	Aug.15,1964	4 $\frac{1}{2}$	6	25	16	"	D	Stony soil 7;grey limestone 45. Water at 32.
Con XV	" 2	K.McDermid	"	Aug.21,1965	5	6	45	45	"	D,S	Light soil 13;rock limestone 110. Water at 105.
Con XVIII	" 4	J.Sullivan	"	Aug. 4,1965	4	6	27	7 $\frac{1}{2}$	"	D	Limestone 35. Water at 16.

## Carnarvon Twp.

Con III	lot 15	P.Conley	S.&O.Wright	Aug.20,1964	4 $\frac{1}{2}$	6	48	48	Fresh	D	Rocky shale 8;solid grey limestone 75. Water at 65.
Con III	" 20	W.Turner	"	June 3,1965	4	6	45	4	"	D	Sand clay 70;grey rock 86. Water at 80.
Con IV	" 18	R.Wybro	"	May 5, 1964	4 $\frac{1}{2}$	5	40	32	"	D	Dark clay 2;grey limestone 75. Water at 32 and 72.
Con IV	" 20	R.Wiber	"	Oct.18,1966	5	6	92	24	"	D	Light soil clay 41;grey limestone 92. Water at 55 and 60.
Con IV	" 21	J.Burt	"	Sep.18,1965	5	6	80	19	"	D	Rocky light soil 7;grey limestone 80. Water at 60.
Con IV	" 21	"	"	Sep.22,1965	5	7	42	9 $\frac{1}{2}$	"	P	Soil 18;limestone 50. Water at 38.
Con IV	" 21	H.Connell	D.Wright	May 12,1966	4	3	29	25	"	C	Brown clay stones 10;grey brown limestone 38. Water at 32.
Con IV	" 21	P.Moody	S. & O.Wright	Oct. 5,1966	5	6	15	29	"	D	Dug well 13;stones silt clay 43;grey limestone 70. Water at 65.
Con IV	" 22	R.Williamson	"	July 9,1965	4	4	114 $\frac{1}{2}$	42	"	D	Topsoil 2;grey rock 114 $\frac{1}{2}$ . Water at 65.
Con V	" 12	L.Walberg	"	July15,1965	5	6	28	28	"	D	Topsoil gravel 23;rock 58. Water at 48.
Con V	" 20	K.Smeltzer	"	Aug. 7,1964	4 $\frac{1}{2}$	5	6	23	"	D	Light soil 12;grey rock 45. Water at 38.
Con V	" 20	L.Tann	"	Oct.12,1966	5	6	21	21	"	D	Light soil stones 20;grey limestone 43. Water at 36.
Con V	" 21	H.King	"	June24,1964	4 $\frac{1}{2}$	1	100	32	"	D	Gritty clay 2;grey limestone 110. Water from 60 to 80.
Con V	" 21	D.Bryant	D.Wright	June12,1965	4	1	95	38	"	D	Clay 1;white limestone 20;grey limestone 93;blue shale 96. Water at 47.
Con V	" 22	H.Cooper	S. & O.Wright	Dec. 1,1966	5	6	102	40	"	D	Grey limestone 102. Water at 65 and 80.
Con V	" 23	J.Henderson	"	Sep.11,1964	5	6	70	53	"	D	Light topsoil 6;hard grey rock 73. Water at 60.
Con XI	" 2	Rev.Madden	"	May 19,1964	4 $\frac{1}{2}$	3	80	9	"	D	Fine sand 67;grey limestone 108. Water at 80.
Con XI	" 2	Public School	"	Aug.26,1965	4	6	34	24	"	P	Sand 42;rock white limestone 75. Water at 68.
Con XI	" 2	G.White	"	July28,1967	5	5	33	28	"	D	Old dug well 20;sand gravel 50;limestone bedrock 72. Water at 65.
Con XIII	" 11	J.Deware	"	Aug. 6,1964	4 $\frac{1}{2}$	6	11	11	"	S	Solid grey rock 72. Water at 65.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MANITOULIN DISTRICT.-cont.										
Dawson Twp.										
Con VIII lot 11	Meldrum Bay Hunt Club	S.&O.Wright	July 2, 1964	4½	5	36	27	Fresh	P	Hardpan stones 17; grey limestone 66. Water at 48.
Con X " 24	Ont. Dept. of Highways	D.Wright	Aug. 12, 1964	5	14	58	35	"	P	Cobble stones 3; shell limestone 7; grey limestone 60; grey brown limestone 72½. Water at 55 and 67.
Con XI " 23	C.Cockwell	S.&O. Wright	June 26, 1964	4½	5	16	14	"	D	Gravel stone 8; grey limestone 52. Water at 40.
Con XI " 23	E.Zimmerman	"	June 27, 1964	4½	5	11	8	"	D	Stony gravel 8; grey limestone 50. Water at 40.
Con XI " 23	I.Tricks	"	July 14, 1964	4½	5	48	25	"	D	Shore stones 44; grey limestone 90. Water at 86.
Con XI " 23	E.Cadotte	"	July 16, 1964	5	6	21½	21	"	D	Gravel shore stones 18; grey limestone 50. Water at 40.
Con XI " 23	J.Jackson	"	June 11, 1965	4	8	68	44	"	D	Shaly rock 4; grey limestone 78. Water at 40 and 75.
Gordon Twp.										
Con B lot 8	I.Petroff	S. & O.Wright	Aug. 13, 1965	4	6	40	32	Fresh	D	Gravel sand 48½. Water at 48½.
Gore Bay, Town of										
	G.Irwin	D.Wright	Nov. 16, 1965	4	½	50	8	Fresh	D	Dug well 12; grey limestone 50. Water at 45.
Great Cloche Island										
	Fielding Const	D.Wright	Mar. 4, 1966	4	3	17	12	Fresh	D	Brown clay shell limestone 3; grey limestone 25; Silica sandstone shale streaks 80. Water at 40 and 58.
	"	"	Mar. 14, 1966	4	3	20	15	"	S	Dug 3; grey limestone 25; Silica sandstone shale streaks 101; red shale 104. Water at 44 and 66.
	"	"	Mar. 28, 1966	4	3	22	17	"	D	Dug well 4; grey limestone 20; Silica sandstone shale streaks 84; granite 85. Water at 35 and 60.
Howland Twp.										
Con VI lot 11	A.Stevens	D.Wright	May 21, 1965	5	2	60	15	Fresh	D	Gravel clay 8; soft shale limestone streaks 60. Water at 12.
Con VI " 27	G.Holyome	"	Apr. 2, 1964	4	8	12	6	Sulphur	D	Brown clay boulders 24; black shale 33; hard black rock 34. Water at 33.
Con VII " 5	D.Wandebents	"	Oct. 19, 1964	4			68	Salt	N	Soft blue shale 100; black grey shale 108. Water from 101 to 108.
Con VII " 8	C.Hall	"	Mar. 15, 1967	5	3	40	20	Salt Gas	N	Sandy clay 8; blue clay 18; blue shale 67. Water at 66.
Con VII " 8	"	"	Mar. 15, 1967	5	2	40	20	"	N	Sandy clay 8; blue clay 18; blue shale 57. Water at 56.
Con VIII " 5	A.Laidley	"	July 19, 1965	4	1	60	11	Fresh	D	Clay 2; loose black shale 8; black shale 62. Water at 50.
Con VIII " 6	S.Wilkin	"	Mar. 8, 1967	5	5	15	15	"	D	Dug pit 5; brown clay boulders 25; black shale 60; black hard shale 65. Water at 60.

MANITOULIN DISTRICT.-cont.											
Howland Twp.-cont.											
Con X	lot 7	P.Lemon	D.Wright	July 17, 1965	5	5	17	15	Sulphur	D	Dug basement 5; blue grey limestone 90. Water at 45 and 75.
Con XI	" 21	Ont Hydro	"	Jan. 16, 1967	4						Fill 3; black slate 28; grey limestone bedrock 170. Dry hole.
Con XI	" 21	"	"	Feb. 22, 1967	4	2	28	12	Salty	P	Fill 3; black slate 18; grey limestone 100. Water at 28.
Con XII	" 16	R.&P. Woodman	S. & O. Wright	Aug. 19, 1967	4	2	40	10	Sulphur	D	Rock clay boulders 33; black rock 43. Water at 41.
Indian Reserve #26											
Kaboni		Dept. of Indian Affairs	D.Wright	Jan. 21, 1966	4						Brown clay 10; blue clay 14; limestone 35; blue shale streaks 50. Dry hole.
Kaboni		"	"	Jan. 14, 1966	4						Brown clay 9; blue clay 12; limestone 35; blue shale streaks 65. Dry hole.
Little Current, Town											
Con VIII	lot 6	S. Wilkins	The Markstay Diamond Drillers	July 25, 1964	2	2	45	38	Fresh	D	Clay large boulders 16; dark grey limestone 63. Water at 57.
Mills Twp.											
Con IX	lot 1	G. McDonald	S. & O. Wright	July 6, 1966	5	6	32	12	Fresh	D, S	Light loam 6; blue limestone 42. Water at 18.
Robinson Twp.											
Con V	lot 2	J. Eloff	S. & O. Wright	June 4, 1964	4 1/2	5	35	8	Fresh	D	Stony gravel clay 10; sand 61; grey limestone 85. Water at 80.
Con VI	" 11	W. Smith	D. Wright	Mar. 13, 1964	4	4	110	90	"	S	Previously drilled 90; grey rock brown streaks 118. Water at 117.
Con VII	" 20	A. Pickard	"	Feb. 21, 1964	4	2	85	63	"	D	Brown clay boulders 63; grey brown limestone 100. Water at 96.
Con VII	" 24	A. Addison	S. & O. Wright	Sep. 20, 1967	4	6	112	42	"	D, S	Gravel 18; hardpan 23; white limestone 52; brown limestone 120; grey limestone 127. Water at 60 and 123.
Con VIII	" 23	T. Addison	"	Sep. 26, 1967	4	6	55	18	"	D	Gravel 12; hardpan stones 45; limestone 84. Water at 50 and 70.
Rutherford Twp.											
Section 28											
		Ont. Dept of Highways	F. Hammond	Aug. 11, 1965	5	20	60	8	Fresh	P	Clay 2; sand 7; red granite 110. Water at 104 and 108.
	lot 32	B. Tyson	A. Quenville	July 14, 1964	1 1/2	3	12	8	"	D	Clay 14; red granite 71. Water at 63.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
MANITOULIN DISTRICT.- cont.										
Sandfield Twp.										
Con III lot 7	A. Watson	D. Wright	Dec. 27, 1967	4	5	35	26	Fresh	D	Brown clay boulders 9; grey limestone 60; brown limestone 70. Water at 35 and 65.
Con IV " 18	Dr. R. Prawley	"	Aug. 4, 1965	4	5	10	4	"	D	Grey limestone 30. Water at 24.
Con V " 14	E. Andreason	"	Aug. 25, 1966	4	5	20	16	"	D	Gravelly brown clay 2; broken limestone 9; grey limestone 30; brown limestone 45. Water at 32.
Con IX " 18	Sandfield School Board	"	Sep. 1, 1964	4	2	35	12	"	P	Sandy loam 3; sand gravel 25; gravelly clay 40; clay 47; shale 49; grey limestone 53. Water at 51.
Con IX " 23	D. Cannard	S. & O. Wright	Aug. 4, 1967	5	5	18	17	"	D	Brown soil boulders 11; brown limestone 78. Water at 48 and 70.
Con IX " 24	L. Moore	"	July 30, 1965	5	5	19	14	"	D	Gravel boulders 40; limestone 48. Water at 41.
Sheguiandah Twp.										
Con A lot 35	W. Cosby	D. Wright	Nov. 16, 1964	4	4	46	42	Sulphur	D	Black slate 10; grey limestone Silica 56. Water at 42.
Con V " 20	M. Bryant	"	Oct. 7, 1964	4	4	63	20	Fresh	D	Gravelly clay 14; grey limestone 40; blue shale streaks limestone 63. Water at 30 and 63.
Con V " 20	"	"	July 29, 1965	4	4	44	10	"	D	Streaks gravel clay 10; shale limestone 44. Water at 35.
Town plot	Municipality of Howland	"	July 22, 1966	4	"	"	"	"	N	Gravelly clay boulders 30; gravelly clay 45; black shale 50. Dry hole.
Town Plot	"	"	July 28, 1966	5	"	"	"	Gas	"	Gravelly clay boulders 15; black shale 100. Dry hole.
Town Plot	"	"	Aug. 4, 1966	5	"	"	"	Gas	"	Gravelly clay boulders 40; black shale 50. Dry hole.
Shegwaning Indian Reserve #20										
	Dept. of Indian Affairs	D. Wright	July 22, 1964	4	0	0	0			Sandy loam 1; grey limestone 35; grey limestone shale streaks 85. Dry hole.
Tehkummah Twp.										
Con A lot 17	W. Farmsworth	S. & O. Wright	Sep. 22, 1964	5	6	75	53	Fresh	D	Light soil 4; hard grey rock 121. Water at 96.
Con B " 14	R. Leeson	"	July 26, 1965	4	6	151	48	"	D	Light soil 6; limestone 151. Water at 80 and 138.
Con B " 16	P. Coultis	"	June 30, 1965	4	6	8	8	"	D	Loose rock 1; grey limestone 36. Water at 8 and 28.
Con I " 17	R. Chisholm	B. Wright	Oct. 22, 1966	4	5	16	14	"	D	Brown clay 11; grey brown limestone 30. Water at 24.
Con II " 6	G. Strain	S. & O. Wright	Oct. 5, 1965	4	8	67	67	"	D	Rock 89. Water at 87 1/2.
Con II " 11	C. Vanhorne	"	Sep. 22, 1966	5	6	0	66	"	D	Previously dug 7 1/2; hardpan stones 11 1/2; grey limestone 94. Water at 48 and 90.
Con III " 10	A. Russell	"	June 22, 1966	4	6	68	68	"	D	Hardpan stones 36; grey limestone 108. Water at 103.
Con III " 10	N. Little	"	Sep. 30, 1966	5	6	60	60	"	D	Hardpan stone 50; grey limestone 100. Water at 95.
Con IV " 14	E. McGillis	"	June 25, 1965	4	6	25	18	"	D, S	Hardpan 14; grey rock 70. Water at 40.
Con VII " 3	C. Pyette	D. Wright	July 8, 1964	4	6	65	60	"	D	Brown clay boulders 10; grey limestone 65; brown limestone 80. Water at 70.
Con VIII " 4	W. McMurry	"	May 8, 1964	4	8	35	30	"	D	Dug well 3; brown clay 4; grey limestone 43; brown limestone 50. Water at 43.



Tehkumma Twp. - cont.

Con XII	lot 10	C.Smith	S.&O.Wright	Oct.20,1966	4	6	0	4	Fresh	D	Gray limestone 20. Water at 14.
Con XIII	" 10	W.McCulligh	"	Sep.30,1966	4	6	22	7	"	D	Clay gravel 6;rock 48. Water at 45.
Con XIII	" 11	Park Area	D.Wright	Nov.29,1966	4	5	35	18	"	P	Gray limestone 65. Water at 40 and 60.
Con XIII	" 2	Dr.Harwood	"	Apr.16,1966	4	10	12	5	"	D	Gray limestone 24;brown limestone 30;gray limestone 45;brown limestone 50. Water at 27 and 47.
Con XIII	" 10	Dr.F.Coffey	S. & O.Wright	June13,1966	4	6	18	18	"	D	Limestone 57. Water at 49.
Con XIII	" 11	Kay Bros.	"	June 8,1966	4	6	28	24	"	D	Topsoil 1;limestone 60. Water at 55.
SBTP		G.&J. Kay	"	June 8,1966	4	6	30	30	"	D	Gray limestone 62. Water at 55.

Whitefish Indian Reserve

#4	Dept. of Indian Affairs	D.Wright	May 19, 1965	4	$\frac{1}{2}$	73	Fresh	P	Clay 2; red shale 110; hard red granite rock 113. Water at 100.
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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
<b>MIDDLESEX COUNTY</b>										
<b>Adelaide Twp.</b>										
<b>Egremont Road North Survey</b>										
ERN Con I	" 4 A.Timmers	S.Earl	Oct. 7, 1964	4 1/2	12	25	18	Fresh	D	Clay 124; grey shale 133. Water at 130.
ERN Con I	" 11 E.Smith	A.Heal	Feb. 10, 1967	4	2	32	20	"	D	Gravel 6; yellow clay 15; blue clay 25; sand 32. Water from 26 to 32.
ERN Con I	" 11 A. Nichols	"	July 15, 1965	4	3	32	28	"	D	Yellow topsoil 15; blue clay 32; sand 38. Water from 32 to 38.
ERN Con I	" 19 M.VanGeffen	"	Mar. 21, 1964	4	6	69	66	"	D	Yellow topsoil 16; blue clay 55; clay sand streaks 70; sand 80. Water from 70 to 80.
ERN Con II	" 2 W.Adams	R.Smith	Sep. 3, 1964	5	10	33	30	"	D,S	Brown clay 18; blue clay 43; sand 44; blue clay 65; sandy blue clay 75; gravelly blue clay 131; coarse sand 134; rock. Water from 131 to 134.
ERN Con II	" 13 G.VanErp	A.Heal	Aug. 29, 1966		1	11	12	"	D	Old brick well 18; blue clay 34; fine sand clay 40. Water at 34.
ERN Con II	" 15 G.Tompson	R.Smith	Apr. 15, 1964	5	5	17	14	"	D,S	Dug well 26; clay sand 50; fine sand 73. Water at 50.
ERN Con II	" 19 M.VanGeffen	A.Heal	Oct. 21, 1966	4	5	75	35	Sulphur	D,S	Yellow topsoil 15; blue clay 55; muddy sand 109; blue clay 222 1/2; dark limestone 225. Water at 223.
ERN Con II	" 20 H.Wardell	"	Dec. 29, 1964	4	4	83	40	Fresh	D,S	Yellow topsoil 15; blue clay 70; sand 87. Water from 70 to 87.
ERN Con II	" 26 R.Smith	R.Smith	June 11, 1966	5	7	80	42	"	S	Brown clay 15; blue clay 69; fine grey sand 76; silty grey sand 85. Water from 69 to 85.
ERN Con III	lot 4 R.McPhail	S.Earl	June 16, 1967	4 1/2	10	22	10	Fresh	S	Sand 14; clay 52; hardpan 64; sand 89; hardpan 105; grey shale 111. Water at 109.
ERN Con III	" 7 B.Arrand	A.Heal	Dec. 15, 1964	4						Yellow topsoil 15; blue clay 21; sandy clay 45; clay sand streaks 148; soapstone 156. Dry hole.
ERN Con III	" 7 "	M.Ward	Dec. 19, 1964	4						Yellow topsoil 15; blue clay 27; sandy clay 40; clay sand streaks 91. Dry hole.
ERN Con III	" 7 "	A.Heal	June 11, 1966	4						Dug hole 15; blue clay 39; sandy clay 64; blue clay 75. Dry hole
ERN Con III	" 12 W.Martin	"	Mar. 7, 1966	4	1	58	6	Fresh	D,S	Topsoil yellow clay 15; blue clay 50; sand 60. Water from 50 to 60.
ERN Con IV	" 8 E.Murray	"	Apr. 6, 1967	4	7	63	41	"	D,S	Yellow topsoil 15; blue clay 96; sand 104. Water from 96 to 104.
ERN Con IV	" 12 P.Verheyen	R.Hudson	Dec. 17, 1964	36	1	15	27	"	D,S	Sand 7; sandy clay 12; blue clay 22. Water at 7.
ERN Con IV	" 16 M.Ford	"	Oct. 30, 1967	36	10	12	7	"	D	Brown clay 10; gravel 12; blue clay 16. Water at 10.
ERN Con V	" 7 W.Atchison	"	Aug. 24, 1965	36	1/2	30	15	"	D	Brown clay 18; sandy clay 33. Water at 18.
<b>Egremont Road South Survey</b>										
ERS Con I	lot 3 J.Peters	S. Earl	June 9, 1967	4 1/2	15	21	18	Fresh	D	Clay 83; hardpan 126; gravel 128; grey shale 132. Water from 126 to 130.
ERS Con I	" 17 S.Handelman	A. Heal	July 14, 1965	4	4	52	38	"	D,S	Dug hole 52; sand 62. Water from 52 to 62.
ERS Con I	" 28 Town of Strathroy	Faulkner Well Drilling	July 31, 1967	6 1/2	12	400	60	"	2-67	Topsoil 1; brown clay 50; sand 75; sand silt 170; clay 245; limestone 415. Water from 245 to 400.
ERS Con I	" 28 "	"	Aug. 22, 1967	6 1/2	20	65	46	"	T	Topsoil 1; brown clay 50; sand 65. Water from 50 to 65.
ERS Con I	" 28 "	"	Aug. 24, 1967	6 1/2	70	65	45	"	2B-67	Topsoil 1; brown clay 50; sand 75; fine sand 80; sandy silt 85. Water from 55 to 70.
ERS Con I	" 30 A.DeBoo	R.Dolphin	Oct. 20, 1964	4	3	51	32	"	D	Yellow clay 10; blue clay 35; sand 55. Water from 51 to 55.
ERS Con I	" 30 Town of Strathroy	Faulkner Well Drilling	July 10, 1967	6 1/2	1/2	214	45	"	1-67	Topsoil 1; brown clay 15; brown sand 45; brown sand 50; grey clay 168; grey clay stones 208; grey limestone 214. Water from 200 to 214.
ERS Con I	" 30 "	"	July 24, 1967	6 1/2			45	"	3-67	Topsoil 1; brown clay 40; silt sand 80; sand 90; sandy silt 123; Water from 40 to 123.

## MIDDLESEX COUNTY - cont.

Adelaide Twp. - cont.

Egremont Road South Survey cont.

ERS Con I	lot 31	E. VanExp	R. Smith	May 21, 1966	5	8	52	55	Fresh	D	Brown clay 18; blue clay 42; brown sand 47; brown grey sand 52; sand clay 55. Water from 43 to 52.
ERS Con I	" 31	W. Zavitz	"	June 25, 1964	5	10	40	38	"	D	Crown clay 10; blue clay 38; black sand 60. *ater at 50.
ERS Con II	" 5	B. Verhoeven	A. Heal	Aug. 17, 1966	4	5	106	41	"	D, S	Sandy clay 11; sandy clay 49; blue clay 81; sand 82; blue clay 95; gravel 99; clay 134; hardpan 137; black shale 144. Water at 137.
ERS Con II	" 8	A. Dowding	Demaray & Nichols	Sep. 18, 1967	4	15	85	85	Sulphur	S	Clay loam 1; yellow clay 10; blue clay 65; fine muddy sand 85; blue clay 157; hardpan 166; grey shale 171; grey limestone shale streaks 177; dark shale 185. Water from 177 to 181.
ERS Con II	" 13	J. Vanneven	Dolphin	Feb. 11, 1966	4	2 1/2	70	46	Fresh	D, S	Yellow clay 12; blue clay 68; sand 73. Water from 71 to 73.
ERS Con II	" 15	R. Down	R. Smith	Dec. 4, 1965	5	12	67	57	"	D, S	Brown clay 58; brown sand 74; fine black sand 77; coarse black grey sand 83. Water from 59 to 83.
ERS Con II	" 17	P. Joris	R. Smith	May 25, 1967	5	10	55	25	"	D, S	Brown clay 15; blue clay 52; sandy blue clay 67; fine grey sand 79. Water at 67 and 79.
ERS Con II	" 18	T. Aarts	"	July 22, 1964	5	59	12	58	"	D, S	Brown clay 18; blue clay 45; fine sand 66; coarse sand 80. Water at 60.
ERS Con II	" 20	J. Stokman	"	Mar. 5, 1966	5	12	90	45	"	D, S	Brown clay 15; blue clay 30; fine grey sand 40; grey sand 70; fine sand clay 131; blue clay 240; hardpan 243; shale. Water from 41 to 70 and at 244.
ERS Con II	" 21	Cuddy Turkey Farms	"	Sep. 16, 1965	5	10	45	42	"	C	Brown clay 15; blue clay 34; silty sand 53; coarse sand 64. Water at 53.
ERS Con II	" 21	Town of Strathroy	Faulkner Well Drilling	Aug. 3, 1967	6 1/2			45	"	T	Topsoil 1; brown clay 21; brown sandy clay 45; sand 70; sandy silt 75; sand 95; sandy silt 100; sandy clay silt 105. *ater from 45 to 105. Abandoned. Insufficient water.
ERS Con II	" 22	L. Greenslade	R. Smith	Dec. 8, 1964	5	10	67	50	"	D	Brown clay 20; blue clay 40; fine sand 52; sand 70. Water at 52.
ERS Con II	" 22	J. Thyssen	"	Dec. 7, 1964	5	15	60	50	"	D	Brown clay 20; blue clay 40; fine sand 52; sand 70. Water at 52.
ERS Con II	" 22	Franklin Electric	"	Dec. 21, 1964	7	40	73	48	"	In	Brown clay 18; blue clay 42; fine sand 52; sand 70; fine sand 81; Water at 52.
ERS Con II	" 24	M. MacDonald	R. Dolphin	May 11, 1966	4	4	47	28	"	D, S	Clay 18; sand 43; sand 481 Water from 45 to 48.
ERS Con II	" 26	G. Jadisehke	R. Dolphin	Aug. 9, 1965	4	3	10	18	"	D	Sand 30; sand 35. *ater from 30 to 35.
ERS Con II	" 27	G. Downham	"	Dec. 28, 1967	4	12	27	22	"	D, S	Gravel clay 3; brown sand 11; grey sand 40; fine sand 45. *ater at 31.
ERS Con III	" 9	M. Brown	M. Werd	Jan. 18, 1964	3	1 1/2	76	63	"	N	Topsoil gravelly clay 6; clay 69; sand 76. Water from 69 to 76.
ERS Con III	" 9	"	A. Heal	Feb. 12, 1964	4	3	80	63	"	D	Topsoil gravelly clay 6; yellow clay 15; blue clay 68; gravel sand 73; fine sand 86. Water from 73 to 86.
ERS Con III	" 13	E. Harris	R. Smith	Nov. 3, 1965	5	8	70	51	"	D, S	Brown clay 12; blue clay 40; sand soupy clay 45; soupy clay 59; grey sand 68; brown clay 72. Water from 60 to 68.
ERS Con III	" 15	J. Dortman	"	Oct. 31, 1967	5 1/2	12	65	59	"	D, S	Topsoil 1; brown soil 20; blue clay 71; sand 86; clay sand 89. Water at 77.
ERS Con III	" 16	J. Bos	"	Oct. 28, 1965	5	12	65	60	"	D, S	Brown clay 12; blue clay 53; clay stone 64; fine brown black sand 76; black grey sand 86. Water from 77 to 86.
ERS Con III	" 19	J. Kingma	"	Oct. 24, 1967	5 1/2	12	35	28	"	D, S	Topsoil 1; clay sand 30; brown sand 35; sand 54. Water from 30 to 54.
ERS Con III	" 23	A. Thompson	R. Dolphin	Nov. 23, 1966	4	8	39	26	"	S	Open well 8; blue clay 22; sand hardpan 30; sand 42. Water from 38 to 42.
ERS Con III	" 27	Town of Strathroy	Faulkner Well Drlg. Co. Ltd.	Aug. 30, 1967	6 1/2	40	30	5	"	N	Topsoil 1; sandy clay silt 15; sand 45; sandy silt 90; sandy clay silt 100. Water from 20 to 35.
ERS Con III	" 27	"	"	Aug. 31, 1967	6 1/2			5	"	T	Topsoil 1; sandy clay silt 15; sand 30. Water from 15 to 30.
ERS Con III	" 27	"	"	Sept. 1, 1967	6 1/2			5	"	T	Topsoil 1; sandy clay silt 15; sand 30. Water from 15 to 30.
ERS Con II	" 29	"	"	Aug. 17, 1967	6 1/2			65	"	T	Topsoil 1; brown clay 15; sand 65; sandy silt 75; clay silt 85. Water from 65 to 85.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Adelaide Twp. - cont. Egremont Road South Survey cont.										
ERS Con IV	3 K. Mathews	S. Earl	Mar. 16, 1964	4 1/2		80	8	"	N	Clay 89; hardpan 92; grey shale 183. Water at 89.
ERS Con IV	"	"	Mar. 23, 1964	4 1/2	5	20	2	"	D	Clay 93; grey shale 111. Water from 108 to 111.
ERS Con V	2 E. Wilson	R. Hudson	Oct. 28, 1967	36	1 1/2	12	12	"	D	Blue clay 12; fine sand 20. Water at 20.
ERS Con V	6 W. Foster	"	Dec. 18, 1967	36	2	20	12	"	D	Blue clay 12; fine sand 26. Water at 12.
ERS Con V	6 R. Freer	"	Dec. 19, 1967	36	2	20	12	"	D	Brown clay 12; fine sand 25. Water at 12.
ERS Con V	6 J. Shamblaw	"	Dec. 21, 1967	36	2	20	10	"	D	Brown clay 12. Water at 12.
ERS Con V	7 Kerwood United Church	"	Nov. 30, 1965	36	2	24	18	"	D	Blue clay 18; quicksand 27. Water at 18.
ERS Con V	15 E. Dortmans	R. Smith	June 18, 1965	4 1/2	5	22	14	"	D, S	Hard clay stones 8; sand 22; sand 37. Water from 22 to 37.
Ailsa Craig Vlg.										
	C. Harrison	Wm. Dale Well Drlg	Feb. 14, 1964	5	4	80	40	Fresh	D	Topsoil 1; brown clay 8; grey clay 29; brown fine sand 31; grey clay 58; boulder 62; grey clay 75; brown lime ledge 86; blue shale 89. Water at 86.
	Vlg. Ailsa Craig	International Water Supply Ltd.	Apr. 7, 1964						T	Sand gravel 6; grey clay 66; grey clay gravel 71; grey blue clay 83; limestone.
	J. Skinner	W. Dale	May 8, 1964	5	1	91	52	Fresh	D	Fill 4; blue clay 73; black shale 79; soft clay 83; shale 86; limestone 87; blue clay stones 90; limestone 92. Water at 91.
	A. George	R. Hudson	Nov. 6, 1965	36	3	12	7	"	D	Sand 10; blue clay 16. Water at 7.
Biddulph Twp.										
Con I	lot 13 H. Knips	W. Hopper	Oct. 12, 1966	5	10	295	287	Fresh	D, S	Yellow clay 16; blue clay stones 78; hardpan 96; brown rock 328. Water at 328.
Con I	" 25 A. Leurs	"	Feb. 8, 1965	4	12	122	120	"	D	Top clay 7; blue clay 29; cemented gravel stones 137; gravel 142; grey limestone 172. Water from 146 to 172.
Con I	" 32 E. Willis	R. Hudson	Aug. 2, 1967	36	1 1/2	24	19	"	D	Brown clay 12; blue clay 19; gravel 22; blue clay 26. Water at 19.
Con II	" 1 Blair Bros.	Banes Drlg. Co.	Sep. 1, 1964	36	10	33	27	"	D	Brown clay 10; grey clay 20; fine grey sand gravel seams 25; grey clay sand gravel seams 33. Water at 27.
Con II	" 23 D. Thomson	R. Smith	Oct. 15, 1967	5	12	342	338	"	D, S	Brown clay stones 19; stones blue clay 151; boulders 154; brown stones clay 184; brown limestone 281; grey limestone 359. Water at 354.
Con IV	" 23 C. Haskett	"	Nov. 2, 1967	5						Topsoil 1; stony brown clay 12; stony blue clay 29; gravelly blue clay 148; stones blue clay 165. Dry hole.
Con IV	" 23 "	"	Dec. 15, 1967	5	12	370	365	Fresh	D, S	Topsoil 1; sandy brown clay 15; blue clay 38; boulders clay 55; stone clay 182; brown limestone 395. Water at 390.
Con V	" 21 E. Vanarenthals	R. Hudson	July 3, 1964	36	2	25	20	"	D, S	Brown clay 10; blue clay 18; gravel 20; blue clay big stones 28. Water at 18.

MIDDLESEX COUNTY - cont.											
Biddulph Twp. - cont.											
Con VI	lot 29	A. Manders	R. Hudson	Aug. 8, 1964	36	1	18	4	Fresh	D, S	Brown clay 8; sandy clay 16; blue clay 20. Water at 8.
Con VII	" 24	C. VanBussel & Sons	W. Hopper & Sons	Aug. 17, 1964	4	7	287	285	"	D, S	Topsoil 1; yellow clay 15; blue clay 50; hardpan 185; cemented gravel 192; rock 196; yellow limestone 285; brown limestone 320. Water from 285 to 320.
Con VIII	" 16	W. Daman	"	Nov. 22, 1965	4	10	230	222	"	D, S	Yellow clay 24; blue clay stones 68; hardpan 118; brown rock 257. Water from 222 to 257.
Con VIII	" 33	J. Blake	"	Dec. 10, 1964	4	7	250	245	"	D, S	Topsoil 1; stony yellow clay 22; dirty gravel 24; hardpan 120; blue clay 165; cemented gravel 172; loose rock 175; brown limestone 245; dark brown limestone 285. Water from 245 to 285.
Con IX	" 18	F. VanBussel & Sons	"	Apr. 21, 1967	4	7	235	230	"	D, S	Topsoil 1; yellow clay 10; hardpan 120; hard brown rock 180; yellow rock 230; brown limestone 265. Water at 230.
Con IX	" 29	C. O'Shea	"	Aug. 3, 1966	4	6	285	280	"	S	Topsoil 1; yellow clay 12; blue clay 70; hardpan 184; loose rock 187; hard brown limestone 230; soft limestone 280; brown limestone 325. Water from 280 to 325.
Con XI	" 26	B. Hardie	"	Jan. 7, 1965	4	6	270	265	"	D	Fill 2; yellow clay 15; hardpan 127; loose rock 132; brown limestone 165; yellow limestone 265; brown limestone 300. Water from 265 to 300.
Con XII	" 30	W. Garrett	R. Hudson Well Boring	Aug. 12, 1965	36	4 1/2	28 1/2	15	"	D	Yellow clay 5; blue clay 17; quicksand clay 19; hard blue clay 23; gravel 23; blue clay 30. Water at 18 and 23.
Con XIII	" 23	Granton Park	R. Hudson	June 8, 1966	36	1 1/2	30	2	"	F	Brown clay 10; blue clay 25; clay 32. Water at 25.
Con XIII	" 24	L. Harrett	"	July 26, 1967	36	1	34	25	"	D	Brown clay 15; blue clay 30; hard blue clay 35. Water at 30.
Con XIII	" 24	D. Tuttle	"	July 27, 1967	36	1	30	25	"	D	Brown clay 15; blue clay 28; gravel 29; hard blue clay 33. Water at 28.
Con XIII	" 24	C. Skonieczny	"	July 28, 1967	36	1	32	25	"	D	Brown clay 15; blue clay 28; fine gravel 29; blue clay 34. Water at 28.
LPL	" 7	R. Hamilton	"	May 14, 1964	36						
NB	" 15	D. Moffat	W. Hopper & Sons	Jan. 16, 1967	4	7	177	175	Fresh	D	Brown clay 15; blue clay big stones 35. Dry hole. Topsoil 1; yellow clay 14; hardpan 91; loose rock 93; hard brown limestone 140; yellow limestone 175; brown limestone 210. Water from 175 to 210.
NB	" 28	J. Lambourn	R. Hudson	Dec. 23, 1966	36	4	45	27	"	D	Brown clay 15; blue clay 46; big stones gravel 47. Water at 46.
NB	" 29	W. Egan	"	Aug. 17, 1967	36	1	40	15	"	D, S	Blue clay 20; stones silty clay 22; blue clay 46. Water at 22.
SB	" 3	H. Toohy	"	June 4, 1965	36	20	16	5	"	D	Sandy blue clay 20; sand 21. Water at 20.
SB	" 3	R. Giesen	"	Aug. 10, 1965	36	1		15	"	D	Brown clay 15; blue clay sand streaks 36. Water at 15.
SB	" 4	R. Welsh	"	Aug. 8, 1967	36	1 1/2	35	8	"	D	Blue clay 25; fine sand 26; blue clay 36. Water at 25.
SB	" 8	G. Leslie	"	June 30, 1965	36	4	10	4	"	D, S	Brown clay 4; gravel 8; blue clay 19. Water at 4.
SB	" 11	R. Garrett	"	Oct. 21, 1967	36	10	15	3	"	D, S	Brown clay 7; gravel 8; blue clay stones 21. Water at 7.
SB	" 15	C. Dunlop	"	Sep. 15, 1967	36	5	12	5	"	D	Brown clay 5; gravel 10; blue clay 15. Water at 5.
Caradoc Twp.											
Con I	lot 1	N. Lambert	R. Hudson	Sep. 10, 1966	36	1	20	15	Fresh	D, S	Sand 20; blue clay 22. Water at 15.
Con I	" 4	E. Carruthers	R. Smith	Feb. 5, 1966	5	10	80	50	"	D, S	Brown clay 15; blue clay 25; fine sand 32; clay stones 225; sand 226; hardpan 233; coarse sand. Water from 26 to 32 and at 226.
Con I	" 4	"	"	Feb. 1, 1966	5	10	80	50	"	N	Brown sand 14; brown clay 24; fine soupy sand 37; clay stones 107; hardpan 231; coarse sand 232; hardpan 251; blue shale. Water at 232.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Caradoc Twp. - cont.										
Con I lot 5	S. McRobert	R. Hudson	Nov. 13, 1967	36	8	10	4	Fresh	S	Sand 12; blue clay. Water at 4.
Con I " 6	J. McCracken	"	Nov. 11, 1967	36	3	18	12	"	S	Brown clay 6; fine sand 22; blue clay 23. Water at 16.
Con I " 10	D. Bujnowski	"	July 4, 1967	36	5	18	10	"	D, S	Sand 19; blue clay. Water at 15.
Con I " 15	S. Lysko	W. Dale	June 24, 1964	4	5	41	18	"	D, S	Dug well 19; muddy sand 22; blue clay 35; fine sand 39; blue clay 43; muddy sand 48. Water from 36 to 39.
Con I " 21	S. Pearson	R. Hudson	Aug. 19, 1966	36	1	30	20	"	D, S	Sand 10; silty blue clay 35. Water at 24.
Con II " 1	M. Butler	"	July 19, 1966	36	5	52	42	"	D	Sandy clay 15; blue clay 45; blue clay gravel streaks 55. Water at 42.
Con II " 7	G. Elliott	J. Weaver & Son	Feb. 29, 1964	1 1/4	8		20	"	S	Open well 20; brown quicksand 29; brown clay 30; blue quicksand 35. Water at 20. Two points.
Con II " 7	"	"	Feb. 29, 1964	1 1/4	4		20	"	D	Open well 20; brown quicksand 29; brown clay 30; blue quicksand 35. Water at 20.
Con II " 10	M. Carruthers	R. Smith	Dec. 16, 1965	5	4	32	12	"	D, S	Loam 2; brown sand 10; brown clay 20; brown clay stone 28; black sand 32; fine black sand 37. Water 24 to 32.
Con II " 18	B. Thompson	R. Hudson	July 20, 1966	36	5	11	3	"	D	Fine sand 14. Water at 3.
Con II " 21	M. McLean	D. Eougheed	Nov. 6, 1964	6 1/2	1 1/2	57	28	"	D	Topsoil 1; dirty sand 54; fine sand 60. Water at 59.
Con II " 22	C. Wilcox	R. Hudson	Sep. 4, 1967	36	1	18	6	"	D	Sand 10; sandy clay 20. Water at 6.
Con III " 9	B. Sutherland	R. Smith	Aug. 8, 1967	1 1/4	5	12		"	D, S	Topsoil 1; brown sand 35; sand 40; clay. Water from 35 to 40.
Con III " 13	M. Ellander	R. Hudson	July 5, 1967	36	5	20	4	"	D	Sandy clay 20; sand 25. Water at 20.
Con III " 21	C. Mostery	R. Smith	Mar. 15, 1966	5	10	82	30	"	D, S	Sandy loam 12; blue clay 35; muddy sand 48; sandy blue clay 77; fine grey sand 81. Water at 35 and 77.
Con IV " 17	J. Steiner	R. Hudson	Apr. 7, 1967	36	5	12	3	"	D	Sand 16; blue clay. Water at 3.
Con IV " 20	W. Toonen	"	Mar. 14, 1967	36	3	20	15	"	D, S	Fine sand 22. Water at 15.
Con V " 9	H. Bishop	J. Weaver & Son	May 19, 1964	1 1/4	8		25	"	D, S	Open well 25; blue quicksand 40; coarse sand 43. Water at 25.
Con V " 20	P. Gencius	R. Hudson	Sep. 2, 1967	36	4	20	15	"	D	Fine sand 25. Water at 15.
Con VI " 1	Cuddy Turkey Farms	S. Earl	Nov. 2, 1964	4 1/2				"		Sand clay 23; clay 185; hardpan 186; gummy clay 225. Dry hole.
Con VI " 12	"	R. Hudson	July 29, 1965	36	12	14	6	"	S	Sand 22. Water at 6.
Con VI " 12	"	"	July 30, 1965	36	12	14	6	"	S	Sand 22. Water at 6.
Con VI " 13	R. Robinson	"	Apr. 6, 1967	36	40	14	8	"	D	Sand 16. Water at 8.
Con VI " 17	J. Nagle	R. Smith	May 4, 1966	2	10		30	"	D	Brown sand 4; sand clay 43; brown sand 46; grey black sand 50. Water from 44 to 50.
Con VI " 23	F. Henderson	R. Hudson	Nov. 9, 1966	36	3	40	28	"	D, S	Sand 12; blue clay 28; sand 48. Water at 28.
Con VII " 2	D. McLean	"	Apr. 25, 1967	36	3	20	10	"	D, S	Sandy clay 27. Water at 6.
Con VII " 5	C. Maes	Hadoo Well Digging Ltd.	Dec. 1, 1965	27 1/2	1		12	"	D	Topsoil 1; grey brown sand 4; yellow brown sand 6; grey sand 12; grey sandy marl 20; grey marl 28. Water at 12 and 20.
Con VII " 19	M. Brown	R. Hudson	Mar. 10, 1967	36	2	25	10	"	S	Topsoil 2; sand 27; blue clay 30. Water at 8.
Con VIII " 3	M. Isebert	Dolphin & East	Jan. 15, 1964	4	1	170	4 1/2	"	D, S	Sand 60; clay 160; sand 180. Water at 180.
Con VIII " 11	P. Reppenheimer	R. Hudson	Dec. 4, 1967	36	3	28	19	"	D	Fine sand 32. Water at 19.
Con VIII " 15	N. Vecke	R. Smith	Apr. 15, 1965	5 1/2	10	24	22	"	D, S	Sandy clay 15; blue clay 25; brown sand 42. Water from 25 to 42.
Con VIII " 17	A. Crawford	"	Nov. 15, 1967	4	8	28	23	"	S	Sand 8; brown clay 18; brown sand 28; fine brown sand 36; sand 41. Water at 28.
Con VIII " 23	O. Skinner	J. Weaver & Son	Oct. 17, 1964	1 1/4	5		14	"	D	Topsoil 1; brown clay 15; white sand 19; brown quicksand 30. Water at 19.
Con IX " 32	J. Drabbant	R. Smith	July 29, 1966	5	2	180	30	"	N	Brown clay sand 15; silty brown sand 22; fine silty sand 25; blue clay 173; hardpan 176; coarse gravel silty sand clay 180. Water at 25 and 180.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

Caradoc Twp. - cont.

Con IX	lot 8	M.Drabbant	R.Smith	Aug. 8, 1966	11	5	15	Fresh	D,S	Sand 1; brown clay 14; grey sand 19. Water from 14 to 19.
Con IX	" 12	Strathroy PUC	International Water Supply Ltd.	Aug. 18, 1967	2	25	18	"	T	Red sand brown clay 6; fine brown sand 63; soft grey clay silt
Con IX	" 15	"	Faulkner Well Drlg	Sep. 8, 1967	6 1/2		40	"	T	sand streaked 111; grey clay sandy streaked 217; bedrock. Water from 6 to 63.
Con IX	" 17	C.Pelens	R.Smith	Oct. 4, 1966	4	10	26	"	D,S	Topsoil 2; sand clay 5; sand 40; sandy silt 65. Water from 40 to 65.
Con X	" 20	M.Cuddy	"	Feb. 24, 1967	5 1/2		22	Sulphur Gas	N	Sand 10; clay 18; sand 36; sand 44. Water from 22 to 44.
Con X	" 20	"	"	Mar. 1, 1967	4	12	21	Fresh	D,S	Sandy brown clay 12; brown sand 35; silt 73; blue clay 156; clay stones 165; clay 205; hardpan 210; Hamilton shale 220; very hard shale. Water from 20 to 35.
Con X	" 22	G.Stoner	"	July 29, 1964	5	7	55	"	D	Sandy clay 2; brown clay 15; dirty fine brown clay 31; brown sand 40; fine grey sand clay 41 1/2. Water from 31 to 40.
Con X	" 22	A.Conkey	"	Nov. 4, 1964	2	9	30	"	D	Clay 30; brown sand 46; sand 53. Water from 46 to 53.
Con X	" 23	L.Muma	"	Mar. 1, 1965	5 1/2	5	190	"	D	Brown clay 28; blue clay 32; fine sand 40; sand 48. Water at 40.
Con X	" 24	R.Kueken	Dolphin & Earl	Oct. 24, 1964	4	4	60	"	D	Brown clay 16; blue clay 22; sandy brown clay 38; brown sand 41; silty sand 97; stony brown clay 158; blue clay 198; dirty gravel 201. Water from 198 to 201.
LRN Range I	" 2	R.Carruthers	R.Hudson	Oct. 12, 1966	4 1/2		40	"	D	Yellow clay 15; blue clay 35; sand 64. Water from 61 to 64.
LRN Range I	" 8	E.Stover	R.Lather	Dec. 7, 1966	4			"	D	Silty brown clay 12; blue clay 25. Dry hole.
LRN Range I	" 8	"	Hadco Well Digging & Drlg. Ltd.	June 5, 1967	30	3	38	Fresh	D	Topsoil 2; grey clay 32; fine sand 35; grey clay 105; fine sand silt 115. Dry hole.
LRN Range I	" 19	R.O'Neill	R.Hudson	May 21, 1964	36			"	D	Topsoil 2; brown clay 10; blue clay 18; blue sand 22; blue clay 40. Water at 20.
LRN Range I	" 19	K. Charlton	"	Sep. 21, 1966	36	1 1/2	16	"	D	Sand 5; sandy blue clay 20. Dry hole.
LRN Range I	" 21	B. Martin	"	Sep. 22, 1966	36		12	"	D	Sand 14; blue clay 17 1/2. Water at 14.
LRN Range I	" 21	J.Baxter	Hadco Well Drlg. & Digging Ltd.	July 6, 1967	30	4	25	"	D	Sand 10; quicksand 17. Water at 10.
LRN Range I	" 21	R.Cooper	R.Hudson	June 5, 1964	36	1 1/2	14	"	D	Topsoil 2; sand 18; blue clay 22; blue sand 24; blue clay 25. Water at 14 and 23.
LRN Range I	" 22	J.Thompson	Hadco Well Drlg. Digging Ltd.	July 10, 1964	30	5	20	"	D	Sandy clay 18. Water at 8.
LRN Range I	" 23	S.Pearson	R.Hudson	May 6, 1964	36	2	14	"	D	Topsoil 2; brown sandy clay 9; gravel 10; blue clay 20. Water at 10.
LRN Range I	" 23	A.Penfold	Hadco Well Digging Ltd.	Sep. 27, 1965	30			"	D	Sand 4; gravel 10; blue clay 16. Water at 7.
LRN Range I	" 23	"	"	Apr. 4, 1967	30	1 1/2	8	"	D	Brown sand 12; sandy clay 30; grey sand 34. Dry hole.
LRN Range I	" 24	C.Maton	W.Dale	Mar. 16, 1964	5	4	150	Sulphur	N	Topsoil 1; brown sandy clay 4; sandy blue clay 8; blue marl 25. Water at 8.
LRN Range I	" 24	"	R.Hudson	Mar. 25, 1964	36		12	Fresh	D	Topsoil 2; sand gravel 13; brown clay 17; grey clay 42; grey clay stones 98; dirty sand 100; brown clay 123; dark brown limestone 146; brown limestone streaks black shale 195. Water from 148 to 170.
LRS Range I	" 3	S.Richards	R.Dolphin	Mar. 24, 1964	4	1	175	"	D,S	Sand 6; gravel 12; blue clay 20. Water at 12.
LRS Range I	" 6	C.Humphrey	R.Hudson	July 14, 1964	36			"	D	Yellow clay 15; blue clay 167; hard rock 173; soft grey rock 185; top soapstone. Water at 173.
LRS Range I	" 8	L.McCall	R.Dolphin	May 11, 1964				"	D	Brown clay 5; sandy clay 8; blue clay 20. Dry hole.
LRS Range I	" 13	J.Robinson	R.Hudson	Aug. 31, 1967	36	1 1/2	26	Fresh	D	Red sand 5; blue clay 169; hardpan 182; sand 202; hardpan 235; Hamilton shale 240. Dry hole.
LRS Range I	" 14	H.Hetzel	"	Oct. 14, 1966	36	5	16	"	D,S	Brown clay 4; sand 8; blue clay 29. Water at 4.
										Sand 21; blue clay. Water at 10.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Caradoc Twp. - cont.										
LRS Range I lot 23	J. Carroll	R. Hudson	Dec. 15, 1966	36	1	33	12	Fresh	D	Sand 12; quicksand 15; blue clay 38. Water at 12.
Muncey Survey " 5	Deweerd Bros.	"	Sep. 8, 1966							Blue clay 65. Dry hole.
Muncey Survey " 17	E. Doan	R. Smith	Jan. 15, 1964	7	12	41	48	"	D, S	Sandy clay 40; gravel stones hardpan streaks 208; coarse sand 212. Water at 208.
Caradoc Indian Reserve No. 42.										
LRS Range II lot 17	A. Corn	R. Hudson	July 20, 1966	36	1	40	25	"	D	Silty clay 35; quicksand 42. Water at 35.
LRS Range II " 20	J. Renkema	R. Smith	Dec. 29, 1966					"	N	Brown clay 20; blue clay 100; clay stones 160; Hamilton shale 235. Dry hole.
Delaware Twp.										
Con D lot 2	G. Webster	I. Lounsbury	Aug. 13, 1965	5				Sulphur	N	Gravel 11; blue clay 40; grey sand 52; blue clay 62; gravel 80; hardpan 87; gravel. Water at 87.
Con D " 5	G. Noyes	Hadco Well Digging Ltd.	July 24, 1964	30	2	30	16	Fresh	D	Topsoil 1; brown clay 7; brown sand 10; blue clay 16; blue sand 22; blue clay 23; blue sand 30. Water at 16 and 23.
Con D " 5	G. Manicom	R. Hudson	Aug. 24, 1964	36	2	10	5	"	D	Topsoil 1; gravel 8; blue clay 13. Water at 5.
Con D " 5	W. Johnson	Hadco Well Digging Ltd.	Aug. 12, 1965	30	2		20	"	D	Brown sand 6; brown clay 10; brown sand 20; brown sand 28. Water at 20.
Con D " 6	J. Roes	R. Hudson	Oct. 25, 1965	36	1	30	22	"	D	Blue clay 15; sandy clay 32. Water at 22.
Con D " 11	H. Nieser	"	July 21, 1966	36	1	14	4	"	D	Sand 4; blue clay 15. Water at 4.
Con I lot 2	C. Gubbels	W. Dale	June 1, 1967	7	60	43	40	"	N	Sand 29; sand gravel 33; dirty clay gravel 50; fine sand 57; grey clay sand 97; silty sand 129; blue clay 151; blue soft clay 161; grey clay pebbles 179; grey shale 187; limestone 265. Water at 199 and from 259 to 262.
Con I " 5	G. Ireland	Hadco Well Digging Ltd.	Sep. 22, 1964	30	2	26	18	"	D	Top soil 1; brown clay 9; brown sand 26. Water at 18.
Con I " 5	J. McIntosh	"	Sep. 27, 1965	30	1		11	"	D	Sandy clay 23; grey sand 28. Water from 23 to 28.
Con I " 6	J. Dickson	"	Aug. 31, 1965	30	1		12	"	D	Brown sand 8; grey sand 12; brown marl 14; grey blue marl 24; grey clay 26. Water at 12.
Con I " 9	H. Rhoades	"	Nov. 15, 1966	30	3	22	8	"	D	Topsoil 1; brown sand 9; gravel 11; blue clay 25. Water at 9.
Con I " 10	R. Oropko	W. Dale	Sep. 22, 1966	5	2	30	4 1/2	"	D, S	Brown sand 4; grey clay 11; blue clay 42; soft blue clay 56; blue clay 101; blue clay small stones 147; muddy sand gravel 149. Water from 147 to 149.
Con I " 12	S. Seputis	R. Hudson	May 6, 1964							Brown clay 10; blue clay 40. Dry hole.
Con I " 12	G. Norman	W. Dale	Sep. 21, 1964	5	6	61	7	2	D	Sandy clay 8; brown clay stones 58; blue clay 142; sand gravel 145. Water from 142 1/2 to 145.
Con I " 12	G. Norman	R. Hudson	Sep. 23, 1964							Blue clay 42. Dry hole.
Con I " 12	K. Edwards	D. Loughheed	Nov. 12, 1964	6 1/4						Grey clay 120; grey clay gravel 150; rock. Dry hole.
Con I " 12	K. Edwards	Hadco Well Digging Ltd.	Dec. 10, 1964	30	3	125	117	sulphur	D	Brown clay 16; blue clay sand 94; sand boulders 110; green clay hardpan 115; sand gravel 124; blue sand gravel 125; rock. Water at 125.
Con I " 12	S. Seputis	N. Gilbert	Apr. 28, 1966	6 1/4	5	50	4	Fresh	D	Topsoil 4; clay 158; sand 164; clay gravel 165. Water at 165.
Con II " 12	R. Neillands	M. Jones	Dec. 2, 1964	5	6	90	60	"	D	Fine sand 29; sandy clay 142; dark brown limestone 165; gravel 166. Water at 165.
Con II " 6	D. Patrick	"	Feb. 1, 1967	4	12	25	10	"	D	Dug well 25; silty sand 40; coarse sand 47. Water from 40 to 47.

## MIDDLESEX COUNTY - cont.

## Delaware Twp. - cont.

Con II	lot 7	Wood Lynn Farms Ltd.	Hadco Well Digging Ltd.	Aug. 12, 1965	30	$\frac{1}{2}$	14	Fresh	S	Brown clay sand fill 4; brown clay 8; grey clay 14; grey sand 24; grey clay 35. Water at 14.
Con III	"	A J. Brown	R. Hudson	Nov. 20, 1965	36	$\frac{1}{2}$	12	"	D	Sand 9; blue clay 18. Water at 9.
Con III	"	A J. Brown	"	Dec. 19, 1966	36	$\frac{1}{2}$	25	14	"	D Brown sandy clay 14; fine sand 34. Water at 14.
Con III	"	B A. George	"	Dec. 16, 1966	36	2	25	12	"	S Gravel 16; blue clay 30. Water at 12.
Con III	"	B L. Slater	M. Jones	Jan. 21, 1967	5	20	62	58	"	D Sandy clay 16; blue clay 40; sandy clay 96; silty sand 108; coarse sand 117. Water from 110 to 117.
Con III	"	3 C. Patterson	J. Johnston	July 2, 1964	4	3	158	36	"	D,S Topsoil 2; red sand 14; hard sand 52; silt 78; blue stony clay 136; hardpan 152; gravel 158. Water at 152.
Con III	"	3 M. Williamson	W. Dales	Dec. 29, 1967	5	2	110	48	"	D Sand 38; muddy sand 43; blue clay 78; grey clay gravel 125; fine sand 129; clay 130. Water from 125 to 129.
Con III	"	12 S. Howlett	R. Dolphin	Feb. 14, 1964	4	3	130	33	"	D,S Yellow clay 20; blue clay stones 157; sand 158; hardpan boulders 217; gravel sand 220. Water from 217 to 220.
Con III	"	22 S. Race	R. Hudson	July 10, 1964	36	2	25	21	"	S,D Sand 4; blue clay 20; gravel 28. Water at 21.
Con IV	"	C C. Fonger	J. Johnston	Aug. 19, 1964	5				"	N Topsoil 1; red clay 12; clay boulders 28; sand 42; sandy clay 65; blue clay 163; gravel hardpan 206; silty gravel sand 216; blue clay 227; gravel hardpan 243; brown shale 245. Water from 206 to 216.
Con IV	"	C C. Fonger	J. Johnston	Nov. 5, 1964	5	$\frac{1}{2}$	120	55	Fresh	D,S Topsoil 2; red clay 8; gravel hardpan 40; sand to; brown clay 95; silt 105; gravel hardpan 115; gravel 126. Water at 123.
Con IV	"	C E. Field	J. Jones	Feb. 8, 1967	5	10	50	40	"	D Sandy clay 42; coarse sand 42; fine sand 55; coarse sand 60. Water from 55 to 60.
Con IV	"	D C. Hunt	I. Lounsbury	Feb. 6, 1964	5	4	105	90	"	D Black topsoil 2; yellow clay 25; hard brown sand 65; blue clay 95; hardpan 99; brown sand 103; hardpan stones 167; gravel 168; hardpan 172; gravel 178. Water from 167 to 168 and from 172 to 178.
Con IV	"	D M. Wallace	"	July 14, 1964	5	3	180	98	"	D Brown sandy soil 55; blue clay 70; fine grey sand 85; hardpan 95; hard sand clay mixed 135; hardpan 195; gravel 212. Water from 195 to 212.
Con IV	"	D W. Absolon	R. Smith	July 20, 1965	5	10	145	143	Sulphur	D Stony brown clay 20; sandy brown clay 35; brown sand 115; sandy clay hard streaks 172; gravelly brown clay 280; shale 280. Water at 280.
Con IV	"	1 R. Elviage	J. Jones	Aug. 5, 1964	5	8	65	55	Fresh	D Soft clay 50; fine sand 66; soft yellow clay 80; sandy clay 90; soft clay 120; fine sand 139; sandy clay 190; coarse sand 193. Water at 190.
Con IV	"	1 R. Sandford	I. Lounsbury	Sep. 15, 1965	5	8	110	60	"	D Dug well 38; conglomerate 45; gravel 75; sand 125; sand 138; gravel 141. Water from 125 to 141.
Con IV	"	1 J. Murphy	Hadco Well Drilling & Digging Ltd.	Sep. 15, 1965	5 $\frac{1}{2}$			50	Sulphur	D Topsoil 1; brown clay 15; sand gravel 87; grey clay 135; hardpan clay 200; gravel 205; grey clay 218; gravel 223; black rock 225. Water at 223.
Con IV	"	1 J. Murphy	"	Sep. 18, 1967	5	4	105	50	Fresh	D Topsoil 1; brown clay 15; sand gravel 95; blue clay 96; gravel 105; blue clay 106; sand gravel 110; fine gravel 120. Water at 112.
Con IV	"	1 R. Woxman	R. Smith	Dec. 10, 1967	5	12	55	40	"	D Brown clay 21; brown clay sand mud 65; brown sand clay 86; brown sand 118; sand 129. Water at 118.
Con IV	"	2 R. McEwan	I. Lounsbury	Oct. 30, 1964	5	4	51	51	"	D Brown sandy topsoil 3; gravel 20; sand 103; gravel 108. Water from 103 to 108.
Con IV	"	2 J. Moore	"	Aug. 17, 1965	5	7	105	60	"	D Brown sand 11; clay 15; gravel 45; sand 130; sand 137; gravel 140. Water from 130 to 140.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. Delaware Twp. - cont.										
Con IV " 4	J. Michiels	R. Smith	Aug. 23, 1966	5	12	34	30	"	D	Brown clay 8; blue clay 45; hardpan 50; gravel 51; fine sand clay 55. Water at 51.
Con IV " 6	R. Whitney	R. Hudson	Sep. 25, 1965	36	4	35	25	"	D	Brown clay 15; blue clay 35; sand 35. Water at 35.
Con IV " 6	A. Reiners	"	Oct. 25, 1966	36	3	25	22	"	D	Sand 3; blue clay 20; sand 27; blue clay 30. Water at 22.
Con IV " 12	Pack Farms	W. Dale	Apr. 9, 1966	7	8	132	47	"	S	Fill 3; brown clay 12; grey clay 83; blue clay 147; grey clay gravel 167; flat sharp gravel 170. Water from 167 to 170.
Con IV " 21	L. Baker	I. Lounsbury	Oct. 14, 1964	5	1 1/2	220	21	"	D	Fill 3; yellow clay 10; blue clay 243; hardpan 248; fine sand gravel 250. Water from 248 to 250.
Con IV " 21	J. Baker	"	Mar. 19, 1965	5						Topsoil 2; yellow clay 18; blue clay 250. Dry hole.
Con IV " 21	J. Baker	"	July 14, 1965							Brown clay 65. Dry hole.
East Williams Twp.										
Con I lot 9	K. McCallum	R. Hudson	Dec. 8, 1964	36	10	30	18	Fresh	D, S	Brown clay 18; fine sand 36. Water at 18.
Con I " 10	E. McCallum	"	Sep. 17, 1967	36	5	22	16	"	S	Brown clay 16; sand 33. Water at 16.
Con I " 21	S. Robson	R. Smith	June 1, 1965	5 1/2	10	40	20	"	S	Brown clay 18; blue clay 50; blue clay sand 70; black shale. Water at 70.
Con I " 29	L. Allen	R. Hudson	July 9, 1966	36	25	27	21	"	D	Yellow clay 11; blue clay 26; gravel 29. Water at 26.
Con II " 17	R. Campbell	R. Smith	May 10, 1967	5	8	290	175	Sulphur	D, S	Stony brown clay 21; boulders 24; stony blue clay 75; blue clay 90; gravelly brown clay 112; stony blue clay 139; limestone 300. Water at 300.
Con II " 20	Nairn Mennonite Church	R. Hudson	June 12, 1966	36	1	25	19	Fresh	D	Brown clay 15; fine sand 29. Water at 15.
Con III " 13	K. Rose	"	Oct. 30, 1965	36	5	30	20	"	D, S	Brown clay 20; sand 36. Water at 25.
Con IV " 4	C. Bannister	"	Aug. 20, 1964	36	1	14	8	"	D	Brown clay 10; sand 12; blue clay 20. Water at 10.
Con IV " 6	H. DeVluster	R. Smith	Nov. 25, 1965	5	10	165	90	Sulphur	D, S	Brown clay 15; gravelly brown clay 28; blue clay 75; blue clay streaks silty sand 130; blue clay 171; stony blue clay 178; rock 184. Water at 184.
Con IV " 9	J. Stewart	R. Hudson	Oct. 29, 1965	36	1 1/2	50	38	Fresh	D, S	Brown clay 10; blue clay 52; fine sand 62. Water at 52.
Con IV " 16	W. Schlegel	"	June 20, 1966	36	1	15	8	"	D, S	Brown clay 8; sand 12; blue clay 17 1/2. Water at 8.
Con IV " 17	G. Nordeman	A. Heal	July 1, 1965	5	4	180	166	Sulphur	D, S	Yellow topsoil 8; sandy clay 8; clay 55; loose limestone 105; gritty clay 112; sand 117; gritty clay 118; dark limestone 131; gritty clay 134; grey limestone 246. Water at 242.
Con IV " 19	Dr. M. Boyce	R. Hudson	Aug. 16, 1967	36	1	40	36	Fresh	D	Brown clay 15; blue clay 40; fine sand 48. Water at 40.
Con VI " 11	W. DeJong	"	May 8, 1964	36						Brown clay 10; sandy blue clay 42; dry hole.
Con VII " 3	A. Pedden	A. Heal	May 26, 1967	4	3	84	4	"	D, S	Yellow topsoil 16; blue clay 76; sand 84; clay 85. Water from 76 to 84.
Con VII " 5	"	"	Apr. 29, 1965	4	2	65		"	D, S	Topsoil gravelly clay 20; blue clay 62; fine sand 67; sandy clay 69. Water from 62 to 67.
Con IX " 10	K. McGregor	R. Smith	Sep. 28, 1965	5	3	80	18	"	D, S	Blue clay 18; blue clay 83; fine sand 105; silty sand 115. Water at 83.
Con IX " 10	"	"	Oct. 20, 1965	5			60	Sulphur	N	Brown clay 18; blue clay 83; sand clay 100; clay 111; sand clay 174; hardpan 182; rock 183 1/2; clay 193; brown limestone 197. Water at 197.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.										
East Williams Twp. - cont.										
Con XI	lot 20	Nairn Mennonite Church Farm	R. Hudson	Nov. 10, 1966	36	1	22	12	Fresh S	Brown clay 12; silty clay sand 25. Water at 12.
Con XIV	" 9	K. McLachlan	A. Heal	Sep. 23, 1966	5	4	220	118	Sulphur D, S	Yellow topsoil 15; blue clay sand streak 28; blue clay 206; grey limestone 263; brown limestone 285. Water at 206 and 283. Sand 13; blue clay 30. Water at 12.
Con XV	" 10	A. Vandenboogaard	R. Hudson	Aug. 19, 1965	36	1	20	12	Fresh D, S	
Con XVI	" 4	L. Kennes	"	May 27, 1966	36	4	22	8	" D, S	Brown clay 12; sand 18; hard blue clay 25. Water at 12.
Con XVI	" 6	T. Willemsse	A. Heal	July 10, 1965	5 1/2	4	170	150	" D, S	Topsoil yellow clay 15; blue clay 229; dark limestone 231. Water from 230 to 231.
Con XVII	" 25	R. Jamieson	R. Hudson	June 2, 1967	36	1	50	42	" D	Blue clay 45; fine sand 52. Water at 45.
Con XVII	" 25	L. Roth	"	July 8, 1967	36	2	10	3	"	Sand 5; blue clay 17. Water at 3.
Con XVII	" 26	D. Zehr	"	Nov. 12, 1964	36			20	" D	Brown clay 12; blue clay 22; sandy clay 44. Water at 30.
Con XVII	" 26	L. Bender	W. Dale	Jan. 13, 1965	5	9	185	185	" S	Brown sand 4; brown clay 15; grey clay 39; gravelly clay 40; grey clay 102; soft grey shale 132; grey shale 148; black shale 149; grey limestone 190; brown limestone 283. Water from 282 to 283.
Con XVII	" 26	Nairn Park Farms	R. Hudson	Nov. 11, 1966	36	25	8	3	" D, S	Sand gravel 10; blue clay. Water at 3.
Con XVIII	" 3	A. Hord	A. Heal	Oct. 29, 1964	4	3	160	125	Sulphur D, S	Yellow topsoil 15; boulders 16; blue clay 21; boulders 23; clay 35; clay sand streaks 58; clay 184; limestone 189. Water at 187 1/2.
Con XVIII	" 25	Boy's Farm	R. Smith	July 15, 1964	5	9	180	180	" D, S	Original well 135; white limestone 215; grey limestone 217; brown limestone 220; white limestone 245; brown limestone 250; white limestone 278. Water at 275.
Con XIX	" 16	D. Hughes	A. Heal	June 5, 1964	5	3	66	30	Fresh D	Yellow topsoil 10; blue clay sand streaks 35; blue clay 69; coarse sand 71; clay 74. Water from 69 to 71.
Con XIX	" 18	P. Bunnett	R. Hudson	June 7, 1967	44				"	Blue clay 70. Dry hole.
Con XX	" 34	S. Hill	"	Mar. 2, 1965	36	4	30	12	" D, S	Brown clay 12; sand 34. Water at 12.
Ekfrid Twp.										
Gore	lot 22	G. Nagy	Hadco Well Digging Ltd.	Oct. 22, 1965	30	1/2		10	Fresh D	Sandy clay 3; brown sand 7; grey sand 10; blue clay 55; sandy clay 65. Water from 9 to 10 and from 55 to 65.
Gore	" 23	Glencoe PUC	R. Dolphin	Aug. 19, 1964	7	30	32	19	" P	Yellow clay 15; blue clay 75; hardpan 114; gravel 121. Water at 114 and 121.
Gore	" 24	"	"	Aug. 12, 1964	7	30	36	26	" P	Yellow clay 15; blue clay 70; hardpan 105; gravel 110. Water from 105 to 110.
Con I	" 1	S. Beattie	J. Weaver & Son	July 7, 1964	1 1/2	6		30	" S	Open well 30; blue putty sand 41; blue quicksand 52. Water at 41.
Con I	" 9	A. & M. Sod Supplies	R. Smith	July 16, 1965	5 1/2	4	145	30	" C	Brown clay 16; clay sand 145; dirty gravel 148. Water at 145.
Con I	" 12	Twp of Ekfrid	R. Hudson	Sep. 15, 1966					"	Blue clay 45. Dry hole.
Con I	" 12	"	"	Sep. 16, 1966	36	1 1/2	10	6	" P	Quicksand 12; blue clay. Water at 6.
Con I	" 12	"	"	Sep. 17, 1966	36	1 1/2	16	7	" P	Blue clay sand streaks 17. Water at 7.
Con I	" 13	M. Jeffery	R. Lather	Dec. 22, 1966	4	5	30	18	" D	Sand 7; clay 65; fine sand 68; grey clay 140; sand gravel 142. Water at 65 and 140.
Con I	" 14	H. McGuffin	M. Jones	Aug. 10, 1966	5	15	38	37	" D, S	Clay stones 30; clay hardpan 68; fine sand 71; coarse sand 75; fine sand 76. Water from 70 to 76.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend unless the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Ekfrid Twp. - cont.										
Con I lot 18	C. Rudavsky	R. Lather	Aug. 17, 1966	4	3	60	43	Fresh	D	Clay 100; hardpan 110; sand clay 123; hardpan 153; limestone 157. Water at 157.
Con I "	22 F. Puspoky	R. Dolphin	July 13, 1964							Yellow clay 11; blue clay 120; hardpan clay gravel 140; top rock 164; top soapstone 165. Dry hole.
Con II "	1 D. Morritt	M. Jones	May 17, 1966	5	8	55	10	Fresh	D	Blue clay 66; sandy clay 84; fine sand 88; coarse sand 89. Water from 88 to 89.
Con II "	3 Middlesex Turkey Farm	R. Smith	Sep. 10, 1965	5 1/2	16	46	35	"	S	Sandy brown clay 12; muddy brown sand 35; blue clay 54; hardpan 60; muddy sand 63; coarse sand 67; gravel clay 73. Water from 63 to 67.
Con II "	4 J. Huston	R. Hudson	Oct. 10, 1966	36	1/2	20	15	"	D, S	Fine sand 21. Water at 15.
Con II "	9 H. Gantz	R. Dolphin & Earl	Apr. 14, 1965							Sand 10; soft blue clay 55; sand clay 115; blue clay hardpan 181; top rock 220; top soapstone 221. Dry hole.
Con II "	12 R. Lotan	R. Hudson	Oct. 11, 1966	4 1/4	112	2	22	"	D	Blue clay 25. Dry hole.
Con II "	13 A. May	R. Lather	May 5, 1967	4				"	D	Grey clay 45; fine sand 85; grey clay 137; hardpan 146; top rock 148. Water at 148.
Con II "	19 P. O'Shaughnessy	R. Hudson	June 24, 1966	36	10	16	7	"	D	Brown clay 6; gravel 10; blue clay 18. Water at 8.
Con III "	2 E. Bamey	Dolphin & Earl	Jan. 20, 1964	4				"	D	Sand 30; clay 166; hardpan 168; dark rock 170; soapstone. Dry hole
Con III "	4 L. Butler	R. Lather	Oct. 14, 1966	4	2	55	24	"	D	Sand 18; clay sand 58; hardpan 59; sand gravel 60. Water from 57 to 60.
Con III "	7 J. Davis	Dolphin & Earl	Jan. 30, 1964	1/2		146	7	"	"	Sand topsoil 12; blue clay 70; hardpan 74; blue clay 128; hardpan 140; top rock 146. Water at 74, 130 and 140.
Con III "	7 "	"	Feb. 6, 1964	4	1	100	14	"	D, S	Sand loam 3; red clay 12; blue clay 92; hardpan 96; blue clay 128; hardpan 134; hard rock 136. Water at 136.
Con III "	14 J. Johnson	A. Heal	July 20, 1964	4	3	55	20	"	D, S	Yellow topsoil 15; blue clay 47; sand 55. Water from 47 to 55.
Con III "	19 K. McEchren	R. Lather	Aug. 8, 1966	4	1	75	30	"	D	Clay 145; hardpan 175; fine gravel sand. Water at 155 and 175.
Con IV "	1 N. Engicouschi	R. Smith	Feb. 2, 1966	5	10	18	16	"	D	Brown clay stones 18; blue clay 25; gravelly brown clay 86; coarse sand 89. Water at 86.
Con IV "	3 B. Roemmele	Dolphin & Earl	Jan. 24, 1964	4				"	"	Sandy clay 26; grey clay 162; hardpan 166; dark grey rock 169. Dry hole.
Con IV "	9 L. Kettlewell	Hadco Well Digging Ltd.	Sep. 23, 1964	30	2	63	54	Fresh	D, S	Topsoil 1/2; brown sand 8; blue clay 53; gravel 57; blue clay 64. Water at 53.
Con IV "	12 H. Fletcher	R. Dolphin	Sep. 25, 1964	4	6	23	23	"	D	Yellow clay sand 10; blue clay 118; hardpan gravel 120; grey top rock 121. Water from 118 to 120.
Con V "	5 D. Delmar	Dolphin & Earl	Feb. 3, 1964	4	1	100	7	"	D, S	Sand 19; grey clay 116; gravel 118. Water at 116.
Con V "	10 H. Fuhrmann	M. Jones	June 29, 1966	5	8	60	22	"	D	Sandy loam 11; coarse sand 13; blue clay 34; fine sand 36; sandy clay 90; blue clay 93; black sand 100; coarse brown sand 104. Water from 34 to 36 and at 104.
LRN Range I "	1 E. McPadden	R. Hudson	July 18, 1966	36						Sandy 9; blue clay 30. Dry hole.
LRN Range I "	1 E. Pettit	"	July 18, 1966	36						Sandy clay 9; blue clay 22. Dry hole.
LRN Range I "	1 J. Brazeau	"	June 22, 1967	36			6	Fresh	D	Brown clay 9; sandy 20; blue clay 31. Water at 9.
LRN Range I "	1 G. Brodie	R. Lather	Oct. 6, 1966	4						Grey clay 158; silt 160; hardpan 176; grey shale 237; lime shell 239; grey shale 294; limestone shale 316. Dry hole.
LRN Range I "	3 J. Chamberlain	R. Hudson	June 23, 1967	36			7	"	D	Blue clay 30. Dry hole.
LRN Range I "	4 D. Willey	S. Earl	Sep. 12, 1967	4 1/2	10	22	5	"	D	Clay 160; hardpan 169; gravel 172. Water at 169.
LRN Range I "	18 L. Buffe	"	Sep. 7, 1967	4 1/2	1/2	140	41	"	N	Clay 123; hardpan 143; grey shale 165. Water at 142.
LRN Range I "	18 "	"	Sep. 10, 1967	4 1/2				"	"	Clay 117; hardpan 140; grey shale 153. Dry hole.
LRN Range II "	6 T. Ward	R. Hudson	Sep. 19, 1966					"	"	Blue clay 65. Dry hole.
LRN Range II "	8 J. Jeffery	"	Sep. 15, 1966	36	10	40	27	"	D, S	Sandy clay 15; blue clay 52; quicksand 57. Water at 52.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.											
Ekfrid Twp. - cont.											
LRN Range II	lot 12	Nevin Poultry Farms Ltd.	R.Lather	June 17, 1967	4	5	140	43	Fresh	D	Red clay 38; fine grey sand 48; grey clay 141; fine sand 143; hardpan 240; sand gravel 248. Water from 240 to 248.
LRN Range II	" 19	B.Kennedy	Dolphin & Earl	June 2, 1964	4	1	160	31	"	D, S	Clay 110; hardpan 148; grey rock 165. Water from 163 to 165.
LRN Range II	" 23	S.Kerikas	"	Aug. 29, 1964	4	2	140	19	"	D	Yellow clay 5; blue clay 100; hardpan 125; grey top rock 155. Water at 140.
LRN Range II	" 24	Glencoe PUC	"	Aug. 5, 1964	7	24	32	22	"	F	Yellow clay 15; blue clay 85; hardpan 110; gravel 115. Water from 105 to 115.
LRS Range I	" 1	F.Cundey	R.Hudson	Aug. 24, 1964	36						Brown clay 10; blue clay 18. Dry hole.
LRS Range I	" 23	E.Hadler	W.Dale	July 29, 1965	7	20	78	62	"	D, S	Brown clay 8; yellow clay 32; blue clay 72; blue clay small stone 78; blue clay 110; cemented gravel 113; gravel 118; clay gravel 120. Water from 113 to 118.
LRS Range I	" 23	"	"	Oct. 19, 1967	7	23	69	54	"	S	Brown clay 18; blue clay 58; grey clay 118; grey clay gravel 134; gravel 139. Water from 134 to 139.
LRS Range II	" 23	"	"	Oct. 11, 1967	7						Brown clay 11; grey clay 24; blue clay 105; grey clay gravel 121; grey clay 126; hardpan 130; shale 154; limestone 157; soft grey shale 338; Hamilton shale 345. Dry hole.
LRS Range III	" 24	J.Dobie	W.Marsh	Sep. 27, 1965	4	5	130	28	Fresh	D, S	Previously drilled 143; gravel sand 147; hardpan 168; blue shale 172; top rock 180. Water from 160 to 165.
LRS Range IV	" 4	A.Peter	R.Hudson	Oct. 14, 1966	36	6	16	11	"	D, S	Sand 20; clay. Water at 11.
LRS Range IV	" 4	D.Graff	"	June 24, 1967	36	5	16	9	"	D, S	Gravel 20. Water at 9.
LRS Range IV	" 6	C.Mullins	R.Lather	Oct. 24, 1966	4	3	55	47	"	D	Sand 5; grey clay 80; clay stones 126; fine gravel 128. Water at 126.
LRS Range IV	" 8	J.Meeuse	W.Dale	Jan. 17, 1964							Sand 4; grey clay 119; grey clay 119; grey clay gravel 154; Hamilton shale 268; black shale 287; limestone 303. Dry hole.
LRS Range IV	" 9	D.Murray	Dolphin & Earl	Nov. 23, 1965							Sand 6; blue clay 150; hardpan stones 163; top rock 175. Dry hole.
LRS Range IV	" 14	J.Lister	"	Aug. 15, 1964	4	3		6	Sulphur	D, S	Sand stones 20; clay 150; hardpan stones 175; grey rock 181. Water at 181.
LRS Range V	" 9	D.Murray	"	Nov. 30, 1965	4	12	40	32	Fresh	D, S	Sand 4; gravel 6; blue clay 84; fine gravel sand 94. Water from 84 to 88.
Glencoe Village											
		Town of Glencoe	Dolphin & Earl	July 2, 1964							Yellow clay 15; blue clay 125; hardpan 150; gravel 152; rock 161; soapstone 170. Water at 150.
		"	"	July 9, 1964		3		120	Fresh	T	Yellow clay 15; blue clay 120; silty clay 135; hardpan 158; hard top rock 164; soft top rock 210; soapstone 215. Water at 158.
Lobo Twp.											
Con I	lot 7	D.Black	E.Hoover & Son	June 3, 1964	5 1/2	3	80	60	Fresh	D	Topsoil 5; sand 35; clay stones 60; sand clay 142; sand 143. Water at 142.
Con I	" 10	G.Baer	R.Smith	Dec. 5, 1964	5	15	48	32	"	D	Dug well 10; stones clay 32; gravelly blue clay 46; hardpan 84; coarse sand 90. Water at 84.
Con I	" 10	F.Varley	R.Hudson	Dec. 28, 1964	36	5	32	28	"	D	Sand gravel 34. Water at 28.
Con I	" 10	S.Morelli	R.Smith	Oct. 26, 1966	5	4 1/2	84	30	"	D	Brown clay stone 18; brown clay 26; clay stones 80; hardpan 83; gravel fine sand 87. Water from 83 to 87.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations entered before the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Lobo Twp. - cont.										
Con I lot 10	F.Cook	R.Smith	Aug. 3, 1965	5	4	85	35	Fresh	D	Stony brown clay boulders 18; gravelly blue clay 79; muddy sand 81; hardpan 85; coarse sand 90. Water from 85 to 90.
Con I " 10	Dekwaasteniet	"	Nov. 25, 1966	5	15		30	"	D	Brown clay 18; blue clay stones 50; hardpan 89; dirty gravel 91; clay stone 95. Water from 89 to 91.
Con I " 10	O.Wieczorek	R.Hudson	May 31, 1965	36	25	20	16	"	D	Sand big stone 23. Water at 16.
Con I " 10	J.Bendoraites	Hadco Well Digging Ltd.	Dec. 30, 1966	5 1/2	9	65	50	"	D	Gravel fill topsoil 5; brown clay 17; blue clay rocks 20; blue clay boulders 92; gravel 95. Water at 92.
Con I " 10	B.Robinson	R.Hudson	Apr. 11, 1967	36	3	9	2	"	D	Brown clay 2; quicksand 6; gravel big stones 9 1/2. Water at 6.
Con I " 10	A.Sori	"	Apr. 11, 1967	36	2	14	9	"	D	Big stones 8; clay 10; gravel mixed blue clay 15. Water at 10.
Con I " 10	B.Olsen	"	Apr. 11, 1967	36	1 1/2	12 1/2	9	"	D	Sand 9; gravel big stones 12 1/2. Water at 9.
Con I " 10	E.Dundas	Hadco Well Drlg. & Digging Ltd.	Nov. 1, 1967	5	5	65	35	"	D	Gravel boulders 4; grey clay 13; blue clay 81; gravel 95. Water at 95.
Con I " 10	R.Hobbs	"	Sep. 19, 1967	5	8	90	70	"	D	Sand boulders 24; blue clay 30; rocks sand 35; blue clay rocks 65; gravel 95; blue clay 98; sand gravel 115. Water at 105.
Con I " 10	R.Wager	R.Smith	Apr. 25, 1967	5	7	86	45	"	D	Brown clay stones 15; gravelly blue clay 25; stones 28; gravelly blue clay 64; stones 68; gravelly blue clay 87; coarse sand 92. Water at 87.
Con II " 5	H.VanKeyel	D.Lougheed	Apr. 9, 1964	5	10	47	16	"	D	Dirty sand gravel 27; fine sand 94; cemented gravel 125; coarse sand fine gravel 128. Water from 125 to 128.
Con II " 5	C.Graven	"	Apr. 19, 1964	5	9	42	16	"	D	Dirty sand gravel 27; sandy clay 62; fine sand 80; clay 97; dirty sand gravel 127; coarse sand fine gravel 130. Water from 127 to 130.
Con II " 5	P.Rhiger	W.Dale	Dec. 3, 1966	5	2 1/2	72	32	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; sand 152. Water from 150 to 152.
Con II " 5	"	"	Feb. 10, 1967	5	3	153	26	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; silty sand 152; grey clay gravel 214; cemented gravel 218; grey shale 224. Water from 220 to 224.
Con II " 5	P.Vanderploeg	R.Hudson	Apr. 4, 1967	36	20	16	10	"	D	Gravel 16; clay. Water at 10.
Con II " 5	W.McGibbon	Hadco Well Drlg. & Digging Ltd.	Apr. 5, 1967	5	10	30	10	"	D	Sand gravel 35; blue clay 50; sand gravel 100; gravel 102. Water at 102.
Con II " 8	A.Boddick	R.Hudson	June 19, 1967	36	10	15	10	"	D	Gravel 17 1/2; blue clay. Water at 10.
Con II " 8	A.Oliver	"	June 20, 1967	36	10	15	10	"	D	Sand 12; sandy blue clay 22. Water at 10.
Con II " 8	A.Ezmore	"	June 21, 1967	36	10	15	10	"	D	Gravel 17 1/2; blue clay. Water at 10.
Con II " 5	F.Rhiger	W.Dale	Dec. 3, 1966	5	2 1/2	72	32	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; sand 152. Water from 150 to 152.
Con II " 5	"	"	Feb. 10, 1967	5	3	153	26	"	D	Dug well 14; hardpan 22; sandy clay 31; grey clay 101; grey clay gravel 150; silty sand 152; gravelly grey clay 214; cemented gravel 218; grey shale 224. Water from 220 to 224.
Con II " 5	D.Welch	R.Hudson	Nov. 3, 1967	36	5	15	12	"	D	Gravel 12; sandy clay 20. Water at 12.
Con II " 5	A.Johnson	"	Nov. 7, 1967	36	20	14	10	"	D	Gravel 15. Water at 10.
Con II " 5	W.Fisher	"	Nov. 8, 1967	36	20	19	16	"	D	Gravel 19. Water at 16.
Con II " 5	W.Everett	"	Nov. 9, 1967	36	5	14	8	"	D	Gravel 11; sandy clay 15. Water at 8.
Con II " 6	W.McGibbon	"	Apr. 3, 1967					"		Sandy blue clay 30. Dry hole.
Con II " 10	D.Ellis	R.Smith	Sep. 25, 1965	5	10	55	50	"	D	Gravelly brown clay 8; gravel 18; blue clay 27; stony blue clay 54; muddy gravel streaks clay 108; coarse sand 118. Water at 108.
Con II " 13	J.Cross	R.Hudson	May 20, 1966	36	25	13	10	"	D	Gravel big stones 10; sand 14; clay. Water at 10.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## MIDDLESEX COUNTY - cont.

Lobo Twp. - cont.

Con III	lot 5	Lobo Twp.	R. Smith	May 1, 1964	7	20	15	14	Fresh	P	Hard clay stones 10; gravel stones 22; gravel 31. Water at 22.
Con III	" 6	H. Buxbaum	R. Hudson	May 15, 1967	36	10	28	23	"	D	Sand 24; fine gravel 30. Water at 23.
Con III	" 12	J. Toth	"	Apr. 27, 1964	36	1 1/2	25	14	"	D	Brown sandy clay 10; gravel clay 14; sand clay stones 29. Water at 14.
Con III	" 12	G. Park	"	May 4, 1965	36	3	45	39	"	D	Brown clay 10; blue clay 40; sand 50. Water at 40.
Con III	" 12	First Lobo Church	"	July 25, 1966	36	5	10	6	"	P	Brown clay 3; sand 14. Water at 6.
Con III	" 12	J. Burnett	Hadco Well Drlg.	Sep. 28, 1965	30	1 1/2		42	"	D	Clay 35; caving sand 45; clay 49; sand 56. Water from 49 to 56.
Con XIII	" 20	J. Walker	R. Hudson	May 31, 1966	36	50	30	10	"	D, S	Brown clay 15; blue clay 35; hardpan 40; sand. Water at 40.
Con IV	" 2	R. Kirkpatrick	"	June 26, 1964	36	2	10	5	"	D	Topsoil 3; quicksand 20. Water at 5.
Con IV	" 4	L. Livingston	R. Smith	June 17, 1964	5	15	26	24	"	D, S	Sandy clay 18; fine brown sand 65; fine grey sand 78; coarse sand 100. Water at 75.
Con IV	" 6	Master Feeds Ltd.	Hadco Well Drlg. & Digging Ltd.	June 30, 1967	7	30	135	80	"	S	Topsoil 3; brown clay 8; hardpan 11; brown clay hardpan 21; blue clay 58; blue clay stones 173; hardpan cemented gravel 195; gravel 200. Water at 200.
Con IV	" 7	B. Babinsky	M. Jones	May 2, 1967	5						Blue clay 55; brown sandy clay 75; fine sand 98; blue clay 105; fine sand 115; blue clay 121; sandy clay 145; stony clay 203. Water at 115. Sandy. Dry hole.
Con IV	" 7	"	"	May 12, 1967	5			30	Fresh	N	Yellow clay 10; blue clay 81; sandy clay 98; blue clay 102; fine sand 112; sandy clay 114. Water from 100 to 112.
Con IV	" 7	"	W. Dale	Aug. 11, 1967	4	1	116	74	"	D	Brown clay 30; grey clay small stones 55; grey clay sand 98; cemented sand 114; grey clay 119. Water from 110 to 114.
Con IV	" 7	Mitchell Bros.	R. Smith	Dec. 29, 1967	5	9	90	45	"	S	Brown clay 20; blue sand 65; grey sand 87; sand clay 95; sand 101. Water at 87.
Con IV	" 9	A. Pettit	Dolphin & Earl	June 25, 1965							Sand 20; clay 90; sand 100. Water from 90 to 100.
Con IV	" 9	"	"	June 28, 1965	4	5	25	32	"	D, S	Sand clay 65; clay 69; sand 73. Water from 69 to 73.
Con IV	" 9	G. Clappitt	M. Jones	Dec. 22, 1966	5	9	80	72	"	D	Yellow clay 68; fine sand 81; blue clay sand 104; coarse sand 105. Water at 105.
Con IV	" 9	"	R. Dolphin & Earl	Nov. 21, 1966							Yellow clay 12; blue clay 40; sand hardpan 104. Dry hole.
Con IV	" 9	"	"	Nov. 21, 1966							Yellow clay 12; blue clay 40; sandy hardpan 90; blue clay 94. Dry hole.
Con IV	" 12	"	W. Dale	Aug. 24, 1965	5	1/2	165	50	Fresh	N	Brown clay 15; blue clay 25; soft blue clay 80; gravelly clay 105; clay sand 165; sandy clay 172. Water from 171 to 172.
Con IV	" 12	A. Rhodes	"	Sep. 24, 1965	5	10	52	40	"	D	Brown clay 15; blue clay 52; sand 55; sandy clay 56. Water from 52 to 55.
Con IV	" 13	W. Micholowka	Dolphin & Earl	Feb. 18, 1964	4	2	70	67	"	D	Sand boulders 5; yellow clay boulders 20; blue clay stones 65; sand 67; gravel 75. Water from 67 to 70.
Con IV	" 13	"	"	Feb. 26, 1964							Surface soil 8; yellow clay 18; blue clay 68; sand 78; blue clay 95. Dry hole.
Con IV	" 13	H. Cates	R. Hudson	Sep. 30, 1964							Brown clay 12; blue clay 50; sand 56. Dry hole.
Con IV	" 13	J. Kernohan	"	May 26, 1965	36			2	Fresh	N	Topsoil 3; sand 4; blue clay 20. Water at 3.
Con IV	" 13	W. Micholowka	S. Earl	Oct. 26, 1967	4 1/2						Clay 70; silt 78; hardpan stones 235. Dry hole.
Con IV	" 14	J. Fidler	W. Dale	June 24, 1966	5	6	108	61	"	D	Brown clay 18; grey clay 62; grey clay gravel 77; grey clay sand 178; gravelly grey clay 185; gravel sand 193. Water from 185 to 193.
Con V	" 1	D. Thompson	R. Smith	Aug. 27, 1965	5 1/2	12	56	42	"	D	Brown clay 15; stony blue clay 30; silty sand 127; streaks silty clay sand 204; coarse muddy sand 205; gravelly clay 212; coarse sand 221; stony clay 222. Water at 212.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Lobe Twp. - cont.										
Con V lot 3	J.Westerhof	R.Smith	Mar.12,1964	5	10	33	28	Fresh	D,S	Brown clay 6;silty brown sand 55;silty grey sand 92;fine brown sand 102. Water at 92.
Con V " 7	D.McLachlan	"	May 22,1967	5	10	38	25	"	D,S	Clay fill dug well 40;silty sand 45;sandy brown clay 67;blue clay 73;sandy blue clay 81;fine sand 89;clay. Water at 81.
Con V " 7	J.HeroId	"	Apr.20,1967	5 1/2	15	31	28	"	D,S	Topsoil 2;brown clay 20;clay sand 35;brown sand 44;blue clay 50;sand clay 58;sand 67. Water at 35 and 58.
Con V " 8	Star Farms Ltd.	"	Jan.12,1966	5	10	100	75	"	D,S	Brown clay 18;blue clay 42;sandy brown clay 50;fine muddy sand 57;fine sand 58;sandy blue clay 11;stones sandy clay 114; stony brown clay 136;coarse sand 144. Water at 57 and 136.
Con V " 9	L.Quintus	R.Hudson	June28,1966	36	4	20	12	"	D	Brown clay 12;fine sand 24;clay. Water at 12.
Con V " 9	J.Mayo	"	Aug. 2,1966	36	12	15	7	"	D	Brown clay 5;gravel 18. Water at 7.
Con V " 10	R.Kok	R.Smith	Oct. 1,1965	5	9	32	22	"	D	Brown clay 15;blue clay 31;brown sand 36;clay 40. Water at 31.
Con V " 13	T.Pethrick	J.Johnston	Sep.18,1964	5	5	48	40	"	D	Topsoil 2;yellow clay 15;blue clay 70;gravel hardpan 75;gravel 85. Water from 75 to 85.
Con V " 13	G.Paterson	Steinman & Baird	Apr.22,1965	5	8	50	43	"	D,S	Brown clay 14;grey clay 41;gritty grey clay 45;grey clay 78; dirty gravel 81. Water at 81.
Con VI " 2	R.Henderson	R.Hudson	June25,1965	36	4	30	15	"	D	Brown clay 15;silty clay 24;blue clay 35. Water at 15.
Con VI " 2	"	"	June25,1965	36	6	30	18	"	S	Brown clay 14;sand 24;sandy clay 38. Water at 18.
Con VI " 4	R.Gregory	"	Dec. 6,1967	36	3	30	19	"	D	Brown topsoil 12;sand 31. Water at 19.
Con VI " 9	T.Hodgins	"	Oct.26,1965	36	12	25	16	"	D,S	Brown clay 15;sand 32. Water at 16.
Con VI " 9	"	"	June10,1967	36	12	22	16	"	D,S	Brown clay 12;fine sand 27. Water at 16.
Con VI " 10	K.Vanderheyden	"	Mar. 3,1965	36	10	28	14	"	D	Brown clay 12;sand 32. Water at 14.
Con VI " 10	L.Jobb	R.Hudson	May12, 1964	36	5	20	14	"	D	Brown clay 14;sand 28. Water at 14.
Con VI " 12	M.Fox	"	Oct. 3,1964	36	10	24	22	"	D	Brown clay 15;blue clay 22;sand 32. Water at 22.
Con VI " 12	B.Vanderwal	R.Smith	June19,1967	4	15	15	12	"	D	Silty brown clay 12;blue clay 16;sandy brown clay 21;fine sand 27;coarse sand 43. Water from 27 to 43.
Con VI " 14	G.McGugan	R.Hudson	July16,1964	36	20	30	21	"	D,S	Brown clay 15;blue clay 25;fine gravel 36. Water at 25.
Con VI " 15	C.Lendzian	"	May 24,1966	36	3	25	4	"	D,S	Blue clay 22;fine sand 27 1/2. Water at 22.
Con VI " 17	H.Robson	"	Jan. 6,1966	44				"		Brown clay 15;hard blue clay 45;stony clay 52. Dry hole.
Con VII " 6	M.Barclay	R. Smith	Mar.15,1967	4	8	24	18	"	D	Loam 2;brown clay 12;brown sand clay 31;brown sand 38;fine grey sand clay 39. Water from 31 to 38.
Con VII " 7	M.McLean	R.Hudson	July 3,1967	36	4	24	15	"	D	Brown clay 3;sand 27. Water at 18.
Con VII " 8	D.Campbell	"	Aug. 2,1966	36 1/2	40	25	19	"	D,S	Brown clay 19;sand 30. Water at 19.
Con VII " 9	G.Moore	R.Smith	Mar.23,1966	4	20	10	5	"	D	Brown clay 13;fine brown sand 20;coarse brown sand 31;scupy sand clay;clay. Water from 14 to 31.
Con VII " 11	R. Noble	R.Hudson	Dec. 9,1964	36	6	25	16	"	D,S	Brown clay 10;fine sand 32. Water at 16.
Con VII " 17	L.Singley	R.Smith	May 5,1967	4	5	48	22	"	D,S	Silty brown clay 12;blue clay 25;silty blue clay 42;fine sand 45;silty sand 52;silty clay 65.
Con VII " 12	G.Minor	R.Hudson	July15,1964	36	5	28	20	"	S	Brown clay 16;sand 34. Water at 20.
Con VII " 18	A.Bailey	"	Jan.24,1964	36	4	32	27	"	D,S	Brown clay 12;blue clay 30;blue clay stones 36;quicksand 37. Water at 35.
Con VIII " 5	W.Culver	"	Apr.27,1965	36	20	20	14	"	D	Sand 21;clay . Water at 21.
Con VIII " 5	O.Gray	"	June25,1964	36	3	16	14	"	D	Sand 16;clay 18 1/2. Water at 14.
Con VIII " 5	A.Bruce	"	June10,1965	36	4	16	10	"	D	Sand 16;blue clay 20. Water at 10.
Con VIII " 5	H.Colvin	"	July 6,1967	36	5	12	9	"	D	Gravel 12;brown clay 18. Water at 9.
Con VIII " 8	Coldstream School	R.Smith	May 18,1964	7	12	26	22	"	P	Clay 37;sand 74. Water at 37.
Con VIII " 9	G.Corcoran	R.Hudson	July 7,1967	36	2	30	12	"	D,S	Sand 12;blue clay 23;sand 27;blue clay 34. Water at 12.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

## Lobo Twp. - cont.

Con VIII	lot 11	P. Corcoran	R. Hudson	May 27, 1965	36	5	32	24	Fresh	D	Brown clay 12; sand 37. Water at 24.
Con VIII	" 12	G. Minor	"	June 24, 1964	36	5	20	15	"	D	Brown clay 8; sand 29. Water at 15.
Con VIII	" 12	G. Robson	"	June 21, 1966	36	10	20	2	"	D	Gravel 8; blue clay 16; clay sand streaks 24. Water from 2 to 8 and from 16 to 24.
Con VIII	" 12	B. Currie	"	Oct. 31, 1967	36	6	17	4	"	D	Gravel 5; blue clay 12; fine sand 20. Water at 12.
Con VIII	" 13	E. Oliver	"	July 17, 1967	36	10	18	8	"	D, S	Sandy clay 8; coarse sand 21. Water at 8.
Con VIII	" 14	R. Stevenson	"	Nov. 7, 1966	36	20	20	16	"	D, S	Brown clay 15; sand 22; blue clay. Water at 16.
Con VIII	" 19	A. Jurelucius	"	Aug. 9, 1967	36	5	20	15	"	D	Blue clay 22; gravel 25. Water at 22.
Con VIII	" 20	M. Chorton	R. Smith	July 4, 1964	5	4 1/2	170	30	"	D, S	Stony brown clay 20; stony blue clay 30; sand clay 58; stony clay 122; boulders 125; gravelly clay 189; sand 192. Water at 189.
Con VIII	" 20	A. Charlton	"	Sep. 9, 1964	5	10	45	27	"	D, S	Brown clay 15; blue clay 24; stones 27; sandy brown clay 48; brown sand 51; stony blue clay 55. Water from 48 to 51.
Con IX	" 4	G. Pincombe	M. Jones	Mar. 28, 1967	5	10	25	12	"	D	Sandy clay 23; fine sand 24; blue clay 40; fine sand 55. Water from 40 to 55.
Con IX	" 5	D. Fuller	R. Hudson	Jan. 16, 1964	36	3	17	16	"	D	Topsoil 1; sand 18; clay 18 1/2. Water at 16.
Con IX	" 5	A. Luyten	R. Smith	Aug. 26, 1964	5	7	45	25	"	D, S	Brown clay 18; blue clay 50; fine sand 57; fine sand 61. Water at 57.
Con IX	" 7	C. Thomas	"	May 12, 1967	5	10	80	70	"	D	Brown clay 12; blue clay 55; stones 59; silty blue clay 70; sandy blue clay 82; muddy sand 92; fine grey sand 99. Water at 92.
Con IX	" 20	A. Corsaut	R. Hudson	Oct. 14, 1964	36	2	25	18	"	D	Brown clay 8; gravel 14; clay 20; fine sand 31. Water at 20.
Con X	" 1	C. McLean	Dolphin & Earl	May 23, 1966					"	D	Yellow clay 15; blue clay 42; sand hardpan 68; blue clay 75. Dry hole.
Con X	" 1	"	"	May 28, 1966					"	D	Yellow clay 15; blue clay 42; sand hardpan 68; blue clay 75. Dry hole.
Con X	" 1	"	"	June 2, 1966	4	4	55	46	Fresh	D, S	Sand 2; yellow clay 15; blue clay 40; sand clay hardpan 50; sand 55; coarse sand 58. Water at 53 and 58.
Con X	" 1	"	R. Smith	Aug. 17, 1966	5	20	50	42	"	S	Brown clay 20; blue clay 38; sand 42; fine sand 54; grey sand 70; sand clay 74. Water from 42 to 70.
Con X	" 6	R. Higgs	"	Aug. 16, 1967	5	10	95	65	"	D, S	Boulders loam 4; brown clay 12; blue clay 75; blue clay 91; fine grey sand 95; blue clay 99. Water from 91 to 95.
Con X	" 9	J. Bycraft	"	June 9, 1967	5	10	50	65	"	D, S	Brown clay 18; blue clay 67; sandy blue clay 70; silty muddy sand 82; grey sand 85; silty sand 88; sandy clay 89. Water from 85 to 89.
Con X	" 9	B. Bycraft	"	July 1, 1967	5	10	75	66	"	D	Silty brown clay 20; blue clay 58; sand 71; silty blue clay 76. Water from 58 to 71.
Con X	" 10	M. Oarts	"	June 20, 1964	5	12	35	34	"	D, S	Brown clay 10; blue clay 50; black sand 56. Water at 50.
Con X	" 16	B. Powell	R. Hudson	June 17, 1966	36	40	25	20	"	D	Brown clay 18; gravel clay streaks 25. Water at 18.
Con XI	" 8	J. Bycraft	R. Smith	June 10, 1964	5	10	148	80	"	D, S	Brown clay 18; blue clay 84; hardpan 90; fine sand 92; sandy clay 120; stony blue clay 159; silty sand 165; blue clay 175; dirty coarse sand 177. Water at 175.
Con XI	" 11	J. Verlinden	"	June 5, 1967	4	10	27	25	"	D, S	Brown clay 12; blue clay 32; sandy blue clay 36; grey sand 38; silty blue clay 44. Water from 36 to 39.
Con XI	" 18	M. McRae	R. Hudson	Oct. 6, 1966	36	3	20	15	"	D, S	Brown clay 15; blue clay gravel streaks 30. Water at 15.
Con XI	" 29	T. Gysbers	"	Oct. 4, 1966	36	40	15	10	"	D, S	Brown clay 10; gravel 17 1/2. Water at 10.
Con XII	" 1	F. Acres	R. Smith	Feb. 10, 1967	5	12	100	85	Sulphur	D, S	Brown clay 16; blue clay 88; sandy clay 98; fine sand 101; silty sand clay 212; blue clay 233; blue shale 251; black shale 252; blue shale 256; grey shale 257. Water at 256.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Lobo Twp. - cont.										
Con XII lot 3	R. Smith	R. Smith	Sep. 1, 1965	5	12	80	40	Sulphur	S	Brown clay 41; very fine grey sand 64; sand clay mixture 109; very fine grey sand 140; sand clay mixture 154; brown clay 186; hardpan 191; brown limestone 194; clay 207; grey limestone. Water from 42 to 64 and from 110 to 140 and at 208.
Con XII " 4	R. Wiendels	"	Oct. 28, 1966	5	4 1/2	75	38	Fresh	D, S	Brown clay 16; blue clay 65; fine sand 76. Water at 65.
Con XII " 9	L. Veil	"	May 1, 1965	5 1/2	8	70	35	"	D, S	Brown clay 15; blue clay 72; silty sand 75; fine sand 80; clay 83. Water from 75 to 80.
Con XII " 10	J. Bycraft	"	Oct. 12, 1966	5	12	45	30	"	D, S	Brown clay stones 18; blue clay 26; fine silty sand 62; blue clay 76; fine silty sand 95; blue clay 117; clay stones 140; shale 141. Water from 30 to 62, 76 to 95 and at 141.
Con XII " 10	"	"	June 28, 1967	4	10	25	18	"	D, S	Brown clay 17; blue clay 25; silty clay sand 31; sandy clay 35; blue clay 39; fine sand 49. Water from 39 to 49.
Con XII " 13	E. McCallum	R. Hudson	Aug. 20, 1965	36	10	35	27	"	D	Brown clay 15; blue clay 37; sand 41. Water at 37.
Con XII " 16	A. Dolbear	"	Nov. 2, 1965	36	1	30	17	"	D, S	Brown clay 16; sandy gravel 18; fine quicksand 34. Water at 17.
Con XII " 18	B. Warner	"	June 5, 1967	36	5	35	15	"	D, S	Brown clay 6; blue clay 28; gravel 42. Water at 28.
Con XII " 23	G. Robson	"	Aug. 26, 1966	36	100	9	7	"	D, S	Blue clay 7; coarse gravel 10. Water at 7.
Con XIII " 2	R. Smith	R. Smith	Sep. 24, 1964	5	12	70	57	"	D, S	Brown clay 20; blue clay 64; fine sand 71; fine sand 81. Water at 84.
Con XIII " 7	"	"	Apr. 22, 1966	5	8	50	25	"	D, S	Brown clay 15; blue clay 35; fine sand 53. Water from 35 to 53.
Con XIII " 13	J. Windsor	R. Hudson	Jan. 18, 1964	36	1	24	20	"	D, S	Brown clay 12; blue clay 18; fine sand 32. Water at 20.
Con XIII " 13	B. Moggoch	"	Jan. 21, 1967	36	3	25	18	"	D	Brown clay 25; fine sand 35. Water at 25.
London City										
	R. Revett	R. Smith	Feb. 10, 1964	5	12	54	50	Fresh	D	Brown clay 12; blue clay 30; clay sand 80; hardpan 120; sand 126. Water at 120.
	R. Sellars	Hadco Well Digging	Feb. 14, 1964	27 1/2	1	18	13	"	D	Topsoil 4; brown clay 9; brown sand 13; brown sand gravel 20. Water at 13.
	University of Western Ont.	International Water Supply Ltd.	Apr. 3, 1964	10	250	28	Flows	Sulphur	R	Gravel clay 42; yellow clay 64; hardpan 74; grey limestone streak shale 165; white limestone 213; brown limestone 240; grey limestone 275; grey limestone 320; brown limestone 375. Water at 135 and 264.
	Dr. Marchuck	I. Lounsbury	Apr. 4, 1964	5	10	58	58	Fresh	D	Brown clay 12; blue clay 22; brown sand 56; sand 85. Water from 56 to 85.
	Dr. W. Stanley	W. Dale	June 2, 1964	5	42	210	132	"	D, S	Old well 7; gravel 108; cemented gravel 144; grey sandy clay 178 clay streaks fine sand 218; cemented gravel 227; gravel 230. Water from 227 to 230.
	Coleman Packing Co. Ltd.	I. Lounsbury	Aug. 20, 1964	7	40	96	75	"	C	Topsoil 1; yellow clay 30; conglomerate 41; gravel 43; hard grey sand 51; blue clay 76; conglomerate 95; blue clay 105; conglomerate 110; gravel 117. Water at 110.
	"	"	Dec. 14, 1964	8	35	92	62	"	C	Black topsoil 3; hardpan 57; gravel 59; hardpan 78; gravel 82; hardpan 93; gravel 105. Water from 93 to 105.
	W. Poole	"	Dec. 18, 1964	7	4	65	60	"	D	Brown sandy soil 6; hard blue clay stones 39; gravel 40; brown sand 42; grey sand 54; blue clay 63; hardpan 74; gravel 77. Water from 74 to 77.
	Coleman Packing Co. Ltd.	"	Jan. 1965	8	40	92	62	"	C	Topsoil 3; conglomerate 57; gravel 59; conglomerate 78; gravel 82; conglomerate 93; gravel 106. Water at 93.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.											
London City - cont.											
		P. Martin	R. Hudson	Sep. 18, 1965	36	10	15	Fresh	D	Sand 3; blue clay 15; sand 25. Water at 15.	
		W. Staout	Middlesex Drlg. & Water Supply	Jan. 28, 1966	5	5	64	"	D	Clay 19; fine sand 60; coarse sand 67; fine sand 74. Water at 64.	
		H. MacKellar	R. Smith	Aug. 6, 1966	5	6	79	"	D	Open hole 7; gravel fill 9; boulders clay 25; stony blue clay streaks gravel 78; coarse sand 83. Water at 78.	
		W. McDace	W. Dale	July 6, 1966	5	8	275	Sulphur	D, S	Topsoil 2; brown clay 44; gravel 244; blue clay 276; muddy gravel sand 367; gravel 387; shale 409; limestone 440. Water from 439 to 440.	
		F. Moore	R. Smith	July 30, 1966	5	4	70	Fresh	D	Open hole 18; blue clay 58; fine brown sand 63; grey sand 67; silty sand 74. Water at 63.	
		T. Baty	W. Dale	Feb. 9, 1967	5	25	60	"	D, S	Brown clay 10; brown clay sand 38; grey clay sand 86; gravelly clay 130; gravelly clay sand 155; clay coarse gravel 161; sand 163; clay sand gravel 165. Water from 161 to 163.	
		W. Szymura	R. Hudson	July 13, 1967	36	1	24	"	D	Sand 12; blue clay 25. Water at 4.	
		A. Van Noten	"	July 14, 1967	36	1	18	"	D, S	Sand 12; gravel 14; blue clay gravel stones 20. Water at 10.	
		Dr. Toygeles	W. Dale	June 10, 1967	4	9	70	"	D	Well previously drilled, Screen installed gravel pack 82. Water from 78 to 82.	
London Twp.											
Con A	lot 3	H. Dennis	H. Seigrist	Aug. 6, 1964	4	5	40	Fresh	D	Previously drilled 47; sandy gravel 126; rock. Water at 126.	
Con A	" 3	"	"	Sep. 26, 1964	4	160	60	"	D	Sandy 2; gravel 17; clay 23; gravel 30; sand 35; gravel 43; clay 57; floating sand 64; clay 67; gravel 71; clay 73. Water from 67 to 71.	
Con A	" 4	G. Chant	R. Hudson	Nov. 11, 1965	36	20	10	"	C	Topsoil 2; gravel 9; blue clay 21. Water at 4.	
Con II	" 15	Boornick	R. Smith	July 12, 1966	5	15	12	"	D	Brown clay stones 3; gravel clay 11; brown sand stones 14; blue clay stones 15; coarse grey sand 18; blue clay gravel 21. Water from 15 to 18.	
Con III	" 8	P. Timmerman	R. Hudson	June 23, 1966	36	1	10	"	D	Gravel 5; blue clay 6; quicksand 7; blue clay big stones 12. Water at 6.	
Con III	" 8	R. Weller	H. Seigrist	Aug. 20, 1965	5 1/2	4	58	Sulphur	D	Fine gravel 64; coarse sand 73; gravel 74. Water from 73 to 74.	
Con III	" 24	H. Dickie	Hadco Well Digging Ltd.	May 4, 1966	5 1/2	2	130	Fresh	D	Grey sandy clay 10; hard clay boulders 59; grey sand 70; grey clay 132; brown sand 135; fine sand gravel 146. Water from 135 to 146.	
Con III	" 24	M. G' Meara	M. Jones	Apr. 19, 1967	5	10	60	Sulphur	N	Red sandy clay 20; sandy blue clay 100; gravel hardpan 112; fine sand 117; blue clay 147; red sandy clay 178; black limestone 243. Water from 112 to 117, 195 to 205 and 240 to 243.	
Con III	" 24	"	"	June 6, 1967	5	2 1/2	92	Fresh	D	Yellow clay 16; sandy clay 96; fine sand 107; coarse sand clay 114. Water from 107 to 114.	
Con III	" 24	F. Oliver	W. Dale	Mar. 13, 1967	5	10	37	"	D	Previously drilled 66; clay gravel 92; silty sand gravel 102; gravel 103. Water from 102 to 103.	
Con III	" 25	P. Waugh	"	July 7, 1966	5	8	46	"	D, S	Topsoil 2; brown clay 14; grey clay 27; blue clay 60; grey clay gravel 85; rocky sand 87; centered gravel 97; gravel 99. Water from 97 to 99.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. London Twp. - cont.										
Con III lot 27	K.Dicky	R.Smith	Apr.11,1967	5	6	60	40	Fresh	D,S	Sandy brown clay 12;gravelly blue clay 35;blue clay 45;silty blue clay 87;fine sand 90;silty sand 92.Water at 87.
Con III " 28	G.DiCola	"	July 27,1966	5	10	60	58	"	D	Brown clay 10;stones clay 13;stony blue clay 47;muddy brown sand 48;hard stony clay 120;muddy sand 122;stony blue clay 146;coarse sand 153;silty sand 156. Water at 48, 120 and 146.
Con III " 30	E.Dalgity	R.Hudson	May 18,1967	36	6	30	28	"	D	Blue clay 32;gravel 36. Water at 32.
Con III " 31	J.DeVries	R.Smith	Oct.25,1966	5	10	35	25	"	D	Brown clay 18;blue clay 47;silty sand 53;gravelly clay 112; muddy gravel 113;stony clay 121;muddy gravel 122;stony blue clay 224;fine sand 237;coarse sand 239. Water at 237.
Con IV " 5	F.White	R.Hudson	Apr.28,1967	36	10	10	5	"	D	Brown clay stones 10;coarse gravel 12. Water at 10.
Con IV " 7	London PUC.	International Water Supply Ltd.	June 4,1964				12	"	T	Sandy loam 6;soft clay gravel 10;sticky clay gravel 16;sandy clay gravel 23;cemented gravel 29;coarse gravel 40;coarse gravel clay 44;rock 46. Water at 29.
Con IV " 7	"	"	June 11,1964					"	T	Topsoil 1;gravel loam 5;soft sandy clay gravel 18;cemented gravel 35;rock 36.
Con IV " 7	"	"	June 18,1964					"	T	Sandy loam 2;boulders cemented gravel 6;cemented gravel 27; coarse gravel 32;cemented clay gravel 33;rock 34.
Con IV " 7	"	"	July 6,1964					"	T	Sandy loam 4;coarse gravel clay boulders 6;clay gravel 11; cemented gravel 32;gravel sand 34;cemented gravel 43;fine gravel sand 45;cemented gravel 47;compact clay gravel 53; rock 55.
Con IV " 7	K.Box	R.Hudson	Aug.10,1967	36	5	14	10	Fresh	D	Fine gravel 15;clay. Water at 10.
Con IV " 8	London PUC.	International Water Supply Ltd.	Aug.27,1964					"	T	Gravel 4;gravel clay 10;sandy clay gravel 15;sticky clay gravel 26;coarse gravel clay 40;medium coarse gravel 68. Water at 40.
Con IV " 8	"	"	Sep.11,1964	10				"	T	Gravel loam 4;clay gravel 9;stiff sandy clay gravel 23;gravel clay 38;medium coarse gravel 41;white clay gravel 44;gravel 49;lightly cemented fine gravel 51;medium coarse gravel 61; fine gravel 65. Water at 38 and 41.
Con IV " 8	"	"	Sep.17,1964					"	T	Boulders gravel clay 10;gravel clay 18;medium coarse gravel 30;fine gravel 34;fine gravel slightly cemented 37;rock. Water from 18 to 34.
Con IV " 8	"	"	Sep.25,1964					"	T	Gravel 5;gravel clay 8;sandy clay gravel 28;medium coarse gravel 64;fine gravel 68. Water at 64.
Con IV " 24	H.Herbert	Hadco Waterwell Drlg. Co.Ltd.	Oct. 7,1964	5 1/2	4	123	45	Fresh	D	Clay 33;sand 36;sand clay 100;sandy gravel 110;good gravel 125. Water from 110 to 125.
Con IV " 25	B.Beech	R.Hudson	Aug. 4,1967	36	335	34	20	"	D	Brown clay 12;blue clay 32;sand 36;clay. Water at 32.
Con IV " 30	R.Boug	M.Jones	Oct.11,1967	5	3	140	90	"	D	Clay loam 22;sandy clay 125;fine sand 178;sandy clay 210; cemented sand 213;black shale 245. Water from 213 to 245.
Con V " 1	J.Tallamy	R.Hudson	Oct. 7,1964	36	3	34	30	"	D	Gravel 8;blue clay 30;fine gravel 36. Water at 30.
Con V " 1	W.Hayden	"	Nov.18,1964	36	20	10	7	"	D	Brown clay 4;gravel 11;clay 13. Water at 7.
Con V " 1	A.Crowther	"	Nov.24,1965	36	20	10	8	"	D	Topsoil 2;gravel 11. Water at 8.
Con V " 3	Erie Concrete Co.Ltd.	W.Dale	Mar.11,1966	4	9	22	7	"	In	Gravel 12; fine sand 32;muddy sand 41;grey clay 53. Water from 12 to 32.
Con V " 4	PUC London	International Water Supply Ltd.	May 25,1964					"	T	Topsoil 1 1/2;coarse sand gravel 36;yellow clay gravel 37 1/2;fine gravel coarse sand 57;soft grey clay 64;hardpan 87 1/2.
Con V " 4	"	"	May 28,1964					"	T	Topsoil 2 1/2;coarse gravel 26;fine gravel 34;fine gravel 43 1/2.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

London Twp. - cont.

Con V	lot 4	London PUC.	International Water Supply Ltd.	May 29, 1964								T 3-64	Topsoil 12; coarse gravel 8; fine gravel 17; coarse gravel fine sand 24; coarse sand 35; coarse gravel 39; coarse gravel clay 45; clay 46.
Con V	" 4	"	"	June 3, 1964								T 5-64	Black muck 1; yellow clay 10; yellow clay coarse sand 14; fine gravel coarse sand 40; coarse gravel sand 42; clay 48. Water from 40 to 42.
Con V	" 4	"	"	June 3, 1964	20	800	27	16	Fresh	P			Coarse sand 5; gravel sand 22; gravel sand 48; sand gravel 50. Water at 14.
Con V	" 5	"	"	June 5, 1964	10					T			Clay gravel mixed 4; dirty gravel 11; fine gravel 40; fine gravel clay balls 42; fine silty clay gravel 70. Water from 11 to 42.
Con V	" 5	T. Talbot	R. Hudson	Oct. 18, 1967	36	10	31	27	Fresh	D			Sand 31; clay. Water at 27.
Con V	" 6	H. Ryan	"	Aug. 16, 1965	36	1 1/2	25	8	"	D			Brown clay stones 8; sand 10; blue clay big stone 32. Water at 8.
Con V	" 8	Siloam United Church	H. Seigrist	Apr. 9, 1965	4	2	90	90	"	P			Gravel topsoil 20; sand 45; clay 73; sand 94; clay 100; gravel 103. Water at 103.
Con V	" 8	B. Barkey	R. Smith	Jan. 9, 1967	5 1/2	10	54	22	"	D			Sand 8; stones hardpan 35; clay 45; hardpan 74; gravel 75. Water at 75.
Con V	" 16	E. Uptgrove	"	Feb. 17, 1964	5	10	42	56	"	D			Brown clay 24; blue clay 36; fine sand 48; sand 55. Water from 48 to 55.
Con V	" 16	M. Fallon	I. Lounsbury	Apr. 18, 1964	4	9	40	32	"	D			Yellow clay 18; blue clay 40; brown sand 48; sand 60. Water from 48 to 60.
Con V	" 16	R. Deane	D. Loughheed Co. Ltd.	July 23, 1964	6 1/2	10	37	31	"	D			Clay 50; fine sand 60. Water at 50.
Con V	" 16	B. Pittao	R. Smith	June 3, 1966	5	10	35	28	"	D			Stony brown clay 8; brown clay 32; sandy brown clay 43; brown sand 57; muddy brown sand 62. Water from 43 to 57.
Con V	" 16	O. Murray	M. Jones	Sep. 11, 1967	5	2 1/2	126	69	"	D			Brown sandy clay 26; fine sand clay 65; soft clay 129; coarse sand 131. Water at 131.
Con V	" 16	R. Woods	"	Oct. 20, 1967	5	4	120	75	"	D			Blue clay 18; fine brown sand 34; soft grey clay 72; coarse sand 75; clay stones 123; coarse sand 125. Water from 123 to 125.
Con V	" 16	R. Earl	R. Smith	Nov. 4, 1967	5	12	45	55	"	D			Topsoil 1; brown clay 18; brown sand 35; clay sand 42; sand 54. Water at 42.
Con V	" 25	S. Hornyack	"	Sep. 10, 1965	5	10	40	18	"	D			Sandy brown clay 15; brown sand 18; sandy clay stones 42; stony blue clay 60; sandy blue clay 76; coarse sand 80; stony clay 85. Water at 76.
Con V	" 28	A. Kosatschoko	E. Hussey	May 22, 1964	4	6	75	62	"	D			Yellow clay 18; grey clay 30; dirty gravel sand 45; fine sand 95; fine gravel sand 102. Water from 95 to 102.
Con V	" 28	H. Edney	M. Jones	Dec. 17, 1966	5	15	57	45	"	D			Yellow clay 18; blue clay 30; sandy gravel 35; sandy clay 48; blue clay 120; coarse sand 121. Water from 120 to 121.
Con V	" 29	P. Anderson	R. Hudson	June 11, 1964	36	1	48	34	"	D			Brown clay 10; blue clay 50. Water at 50.
Con V	" 32	M. Ferguson	"	July 25, 1966	36	3	25	16	"	D			Brown clay 10; blue clay 26; quicksand 30. Water at 26.
Con V	" 32	E. Dekay	R. Smith	Oct. 12, 1965	5	20	15	19	"	D, S			Brown clay stones 18; sandy blue clay 34; stones 36; stony blue clay 53; coarse sand 69. Water at 53.
Con VI	" 4	W. Talbot	M. Jones	Aug. 11, 1965	5	8	60	40	"	D			Dug well 22; clay stones 77; sandy gravel 82. Water from 77 to 82.
Con VI	" 6	A. Johnson	R. Smith	Jan. 14, 1967	5	10	20	18	"	D			Dug well 32; fine sand 37; clay stones 59; sand 68. Water from 59 to 68.
Con VI	" 8	J. Shoebottom	R. Hudson	May 11, 1964	36	50	24	16	"	D			Sandy clay 8; hard blue clay 26. Water at 26.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations reached below the surface are given in feet)
MIDDLESEX COUNTY - cont.											
London Twp. - cont.											
Con VI	lot 8	C.Hammond	W.Dale	July 19, 1965	5	9	20	18	Fresh	D	Fill 5; grey clay 10; blue clay 60; cemented gravel 71; hardpan 72 gravel 73; limestone. Water from 72 to 73.
Con VI	" 9	G.McIntyre	M.Jones	Nov. 13, 1964	5	10	6		"	D	Sandy clay 7; clay stones 48; gravel. Water at 48.
Con VI	" 9	R.Sharpe	D.Loughheed	Mar. 28, 1965	6	5	14	Flows	Sulphur	D	Dug well 12; clay 67; sand gravel 70. Water at 67.
Con VI	" 9	R.Ubsdell	R.Hudson	May 8, 1967	36	3	12	4	Fresh	D	Sandy clay 8; hard blue clay 12. Water at 4.
Con VI	" 10	V.Nolan	M.Jones	Mar. 26, 1964	5	10	14	14	"	D	Yellow clay 4; sandy gravel 25; blue clay 62. Water at 20.
Con VI	" 10	J.Morgan	R.Hudson	Aug. 10, 1964	36	20	10	4	"	D	Sand 18. Water at 4.
Con VI	" 14	R.Pearson	J.Weaver & Son	Dec. 2, 1964	14	8	20	20	"	D	Open well 20; gravel 35. Water at 20.
Con VI	" 16	Arva Community Park	R.Hudson	July 2, 1964	36	10	15	7	"	P	Brown clay 8; gravel clay mixed 20. Water at 8.
Con VI	" 16	O.Fuller	"	Sep. 30, 1965	36	10	25	17	"	D	Brown clay 12; fine sand 35. Water at 17.
Con VI	" 16	Middlesex County	"	Nov. 5, 1966	36	4	25	19	"	P	Brown clay 10; blue clay 20; sand 26; clay. Water at 20.
Con VI	" 16	G.Clarke	"	Jan. 4, 1967	36	5	24	20	"	D	Sandy clay 8; blue clay 20; sand 27. Water at 20.
Con VI	" 17	T.Orr	I.Lounsbury	Mar. 30, 1964	5	10	50	42	"	D	Brown sand 2; yellow clay 12; blue clay 26; brown sand 45; hardpan 55; brown sand 70; hardpan 108; gravel 125; hardpan 152; gravel 153. Water from 152 to 153.
Con VI	" 20	R.Windsor	R.Hudson	July 17, 1964	36			27	"	D, S	Brown clay 10; blue clay 27; sand 30; sandy blue clay 37. Water at 27.
Con VI	" 21	J.Smith & A.Smith	H.Seigrist	Nov. 15, 1965	4	4	53	45	"	D	Topsoil 3; clay 63; gravel 65; clay 70; coarse sand 73. Water at 73.
Con VI	" 21	A.Kosatschenko	W.Marsh & Sons	Aug. 27, 1966	6	15	40	40	"	D	Brown clay stones 15; grey clay stones 33; clay stones sand 70; sand 73. Water at 70.
Con VI	" 22	N.Hargreaves	H.Seigrist	Apr. 7, 1966	4	4	47	45	"	D	Topsoil brown clay 6; clay 23; gravel 27; clay 57; sand 60; clay 64; coarse sand. Water at 64.
Con VI	" 24	N.Conkey	R.Smith	Dec. 10, 1964	5	10	27	22	"	D, S	Brown clay 18; clay stones 38; coarse brown sand 42; silty brown sand 47. Water at 38.
Con VI	" 26	H.Lynch	Hadco Well Digging Ltd.	Oct. 28, 1966	5	5	100	62	"	D	Brown clay 15; blue clay 35; sand 42; blue clay 102; sand 106; blue clay rocks 172; cemented gravel 212; loose gravel 213. Water at 173 and 213.
Con VI	" 27	D.Wellman	R.Hudson	July 2, 1966	36	15	18	10	"	D	Brown clay 18; sand 20; clay. Water at 18.
Con VI	" 28	London Hunt Club	"	Aug. 9, 1965	36	5	25	20	"	D, S	Brown clay 20; sand 24; clay 26. Water at 20.
Con VII	" 1	R.Urquhart	M.Jones	Jan. 14, 1967	5	10	65	55	"	D, S	Clay 12; gravel 16; blue clay 62; fine sand 65; blue clay 75; sandy clay 85; blue clay 88; fine shooting sand 148; light brown limestone 160. Water from 155 to 160.
Con VII	" 1	T.Donnors	"	June 20, 1967	5	8	43	32	"	D, S	Sandy clay stones 44; clay hardpan 65; cemented sand 69; coarse sand 70. Water from 69 to 60. Gravel 63. Water at 33.
Con VII	" 4	W.Shoebottom	"	Aug. 13, 1964	5	4	50	33	"	D, S	Brown clay 12; blue clay 16; hard blue clay 20; gravel 21; hard blue clay 24. Water at 16.
Con VII	" 4	E.Perkin	R.Hudson	June 25, 1966	36	15	24	16	"	D, S	Brown clay 18; fine gravel 42. Water at 27.
Con VII	" 11	G.Peters	"	May 4, 1965	36	25	38	27	"	D, S	Brown clay 10; blue clay big stones 16; stony gravel clay streak 24. Water at 10.
Con VII	" 12	P.Suibert	"	Feb. 5, 1964	36	3	22	16	"	D, S	Topsoil 2; brown clay 13; grey clay 44; grey sandy clay 60; fine brown sand 76; fine gravel sand 80; cemented gravel 82. Water from 80 to 82.
Con VII	" 14	G.Fraleigh	W.Dale	Feb. 20, 1964	5	9	76	37	"	D, S	Brown clay 18; fine gravel 36. Water at 20.
Con VII	" 15	E.Hodgkins	R.Hudson	May 12, 1967	36	5	30	20	"	D	

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

London Twp. - cont.

Con VII	lot 16	D.Weldon	I.Lounsbury	Jan.22,1964	5	20	70	68	Fresh	D	Brown sand 7;hard yellow clay stones 16;hard blue clay 59;hard pan stones 99;gravel 103;hardpan 153;white limestone 173. Water from 158 to 173.
Con VII	" 16	J.Stevens	"	Sep.14,1964	7	40	90	55	"	D	Black loam 7;sand 31;hardpan boulders 60;hardpan 145;gravel 150. Water from 145 to 150.
Con VII	" 16	H.Loft	Hadco Well Drlg. & Digging	Nov.12,1964	5 $\frac{1}{2}$	10	65	35	"	D	Clay 5;sand 32;clay 45;sand 72;gravel 73;clay 79;sand 83. Water from 79 to 83.
Con VII	" 16	L.Schou	R.Hudson	May 23,1966	36	20	15	9	"	D	Brown clay 10;fine gravel 19. Water at 10.
Con VII	" 16	H.Scott	"	Oct.14,1965	36	3	30	27	"	D	Brown clay 5;big stones gravel 7;blue clay 19. Dry hole.
Con VII	" 16	G.Robertson	W.Dale	July28,1966	5	6	68	41	"	D	Brown clay 15;brown clay sand 30;soft brown clay sand 77;brown sand 84. Water from 80 to 84.
Con VII	" 16	H.Loft	"	Oct.26,1966	5	2	67	28	"	D	Screen installed in previously drilled well at 75.
Con VII	" 17	E.Whalley	R.Hudson	Sep.27,1966	36	3	30	27	"	D	Gravel 10;blue clay 27;fine sand 32. Water at 27.
Con VII	" 19	London FUC.	"	June16,1965	36	1 $\frac{1}{2}$	36	16	"	P	Sandy clay 16;fine gravel 20;blue clay 36. Water at 66.
Con VII	" 20	W.Ennis	W.Dale	Mar.19,1964	5	2 $\frac{1}{2}$	87	39	"	D	Grey clay 5;brown sand 14;grey clay 35;grey clay gravel 50; fine brown sand clay 84;fine sand 89;sandy clay 91;sand 93. Water from 91 to 93.
Con VII	" 20	B.Davis	R.Hudson	Mar. 8,1965	36	$\frac{1}{2}$	30	27	"	D	Brown clay 12;blue clay 32;sand 34. Water at 32.
Con VII	" 20	"	M.Jones	Nov.15,1965	5	6	160	60	"	D	Dug well 35;clay stones 75;fine sand 93;blue clay 140;sandy clay 145;blue clay 190;coarse sand 193;blue clay 201;fine sand 202;limestone 212;fine sand 213. Water from 90 to 93, 140 to 145,212 to 213.
Con VII	" 28	M.Jones	R.Hudson	June26,1964	36	1	30	17	"	D	Brown clay 17;gravel 20;blue clay 32. Water at 17.
Con VII	" 32	L.Bandall	"	Oct. 5,1966	36	10	15	10	"	D,S	Brown clay 4;gravel 10;blue clay 20. Water at 10.
Con VIII	lot 2	A. Bannister	R. Hudson	Nov.28,1967	36	1	33	20	Fresh	D	Brown clay 15;blue clay 30;gravelly blue clay 34. Water at 30.
Con VIII	" 7	G.Powell	"	May 20,1967	36	5	20	5	"	D	Brown clay 16;gravel 20;hard clay 22. Water at 16.
Con VIII	" 9	D.Thomson	W.Dale	June15,1965	5	8	90	75	"	D	Sandy brown clay 18;muddy sand 42;blue clay 65;hardpan 140; sand 142;hardpan 147;gravel 148. Water from 147 to 148.
Con VIII	" 12	E.McKay	R.Hudson	Aug.30,1965	36	2	30	24	"	D	Blue clay big stones 22;fine quicksand 36. Water at 24.
Con VIII	" 12	B.Bonaghey	"	Sep. 2,1965	36	20	22	19	"	D	Brown clay 15;coarse gravel 22. Water at 19.
Con VIII	" 13	M.Roberts	W.Dale	Aug.10,1966	5	6	65	25	"	D,S	Clay gravel 15;blue clay sand 35;blue clay 44;gravel 45; blue clay 52;hardpan 66;clay sand 70;sand 73;sand clay balls 76. Water from 70 to 73.
Con VIII	" 17	R.McConnell	R.Hudson	Feb.13,1965	36	4	28	26	"	D	Brown clay 8;gravel clay streaks 30. Water at 26.
Con VIII	" 17	L.Acheson	"	Apr.29,1966	36	10	30	27	"	D,S	Brown clay 24;blue clay 30;gravel 35. Water at 30.
Con VIII	" 18	E.Whalley	B.Smith	Jan.20,1965	5 $\frac{1}{2}$	60	65	60	"	D,S	Stony brown clay 12;boulders clay 18;gravelly clay 32;brown sand 52;gravelly brown clay 158;fine grey sand 168;coarse sand 179. Water from 168 to 179.
Con VIII	" 20	J.Meulendyks	M.Jones	Dec. 9,1967	5	10	87	50	"	D,S	Red clay 45;brown sand 80;soft grey clay 86;gravel 87;clay hardpan 105;brown sand 118;blue clay 122;grey clay 161; gravel 170;coarse sand 172. Water from 170 to 172.
Con VIII	" 21	M.Poier	R.Hudson	July21,1967	36	10	38	30	"	D	Brown clay 15;blue clay 38;fine sand 45. Water at 38.
Con VIII	" 22	J.Freele	"	Oct.27,1964	36	2	24	16	"	S	Brown clay 10;blue clay 24;fine sand 28 $\frac{1}{2}$ . Water at 24.
Con VIII	" 23	H.Freele	"	Oct.27,1964	36	2	24	16	"	D,S	Brown clay 16;sand 18;blue clay 25;fine sand 34. Water at 18.
Con VIII	" 25	J.&T.Murphy Ltd.	Hadco Waterwell Drlg. Co.	Oct.26,1964	5 $\frac{1}{2}$	15	150	25	"	D	Clay 59;sand 65;clay 78;sand coal 80;clay rocks 147;sand 150; gravel 154.
Con VIII	" 29	D.Scott	R.Hudson	May 7,1965	36	3	20	14	"	D	Brown clay 8;blue clay 20;gravel 21;blue clay 34. Water at 20.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. London Twp. - cont. Con VIII lot 31	R. Sharpe	R. Sharpe	July 27, 1964	5	9	146	80	Sulphur	D	Brown clay boulders 18; blue clay 40; gravelly blue clay 52; coarse sand 53; gravelly blue clay 181; coarse sand 183; gravelly clay 210; muddy sand 211; gravelly blue clay 251; rock 254. Water at 254.
Con IX " 2	A. Bannister	R. Hudson	July 30, 1966	36	< 1/2	48	35	Fresh	D	Brown clay 10; blue clay 45; gravel 46; blue clay 50. Water at 45.
Con IX " 5	M. Cooper	N. Steinman	May 16, 1967	5	15	73	56	"	D, S	Brown clay 18; grey clay 92; gritty clay 122; sandy gravel 126. Water from 122 to 126.
Con IX " 7	A. Rae	R. Hudson	Nov. 17, 1965	36	1/2	45	35	"	D	Fine brown sand 47. Water at 35.
Con X " 11	G. Scerenson	M. Jones	Aug. 26, 1966	5	10	65	40	"	D	Clay stones 59; coarse sand 66; stones clay 84; fine sand 90; clay 95; coarse sand 100. Water at 95.
Con IX " 12	S. McLeod	R. Hudson	May 6, 1965	36	2	45	30	"	D	Brown clay 15; blue clay 40; quicksand 47. Water at 40.
Con IX " 19	R. Sumner	"	Mar. 12, 1965	36	5	30	18	"	S	Brown clay 10; blue clay 18; coarse sand 27; blue clay 34. Water at 18.
Con IX " 19	L. Stokes	"	Sep. 12, 1967	36	60	40	20	"	D	Brown clay 20; blue clay 51; sand. Water at 51.
Con IX " 20	B. Smith	"	Sep. 14, 1967	36	4	27	12	"	D	Brown clay 10; blue clay 24; fine sand 29; blue clay. Water at 24.
Con X " 11	G. Sorensen	"	July 29, 1966	36						Yellow clay 12; hard grey clay stones 46. Dry hole.
Con X " 17	L. Ryall	"	Sep. 24, 1966	36	20	20	16	Fresh	D	Brown clay 16; gravel 22. Water at 16.
Con X " 19	G. Robson	"	Oct. 13, 1964	36	40	22	12	"	D, S	Brown clay 15; blue clay 24; gravel 26. Water at 24.
Con X " 22	V. Blackwell	"	Aug. 11, 1967	36	10	38	17	"	"	Brown clay 10; blue clay 40; gravel 42. Water at 40.
Con X " 24	G. Ryland	"	Jan. 24, 1964	36	5	24	10	"	D	Brown clay 12; blue clay 28; sand 28 1/2. Water at 28.
Con X " 24	J. Stephens	"	Nov. 3, 1965	36	1/2	30	22	"	D	Brown clay 20; gravel 22; blue clay 36. Water at 22.
Con X " 24	G. Higgs	"	Nov. 4, 1965	36	25	30	15	"	D	Brown clay 15; blue clay 30; dirty clay 36; sand. Water at 36.
Con X " 26	W. Hull	R. Smith	Mar. 4, 1964	5	4	170	95	"	D	Brown clay 12; stony blue clay 85; boulders 87; stony blue clay 158; boulders 165; stony blue clay 176; coarse muddy sand 180. Water at 176.
Con X " 30	R. Bloomfield	R. Hudson	Aug. 4, 1965	36	1/2	45	10	"	D, S	Brown clay 10; blue clay 15; sandy clay 46. Water at 15.
Con XI " 7	A. Bratcher	M. Jones	July 14, 1967	5	8	145	110	"	D, S	Clay loam 5; red clay 20; blue clay stones 121; fine sand clay 143; grey limestone 159. Water at 158.
Con XI " 9	W. Robinson	R. Hudson	Oct. 14, 1964	36					D	Brown clay 8; hard blue clay 20. Water insufficient for use.
Con XI " 9	L. Parnall	"	June 15, 1965	36	1	19	7	Fresh	D	Brown clay 8; fine gravel 10; hard blue clay 20. Water at 8.
Con XI " 16	J. Carmichael	"	June 3, 1966	36	90	12	Flows	"	D	Brown clay 12; fine gravel 15; clay. Water at 12.
Con XI " 20	H. Filson	R. Smith	Feb. 13, 1964	5	10	77	75	"	D, S	Brown clay 22; brown sand 25; blue clay 30; boulders 35; stony brown clay 161; coarse sand 165. Water at 161.
Con XI " 20	J. Mellett	R. Hudson	May 5, 1967	36	20	25	15	"	D	Brown clay 20; sandy gravel 29. Water at 20.
Con XI " 20	F. Anderson	"	May 5, 1967	36	5	25	15	"	D, S	Blue clay 30; sandy gravel 34. Water at 30.
Con XI " 22	C. Patrick	J. Johnston Drlg.	Apr. 1, 1964	4	5	37	39	"	D, S	Topsoil 1; red clay 12; blue stony clay 30; hardpan 107; blue stony clay 160; gravel 165. Water from 160 to 165.
Con XI " 22	V. Blackwell	R. Smith	Jan. 3, 1967	5						Sandy brown clay 25; gravelly brown clay 45; stony blue clay 58; sandy gravel clay 72; stony blue clay 113; stones 117; stony blue clay 124; stones 128. Dry hole.
Con XI " 22	"	"	Jan. 15, 1967	5	10	45	30	Fresh	D, S	Stony brown clay 20; stones 23; stony blue clay 44; blue clay 51; muddy sand 52; stony blue clay 150; coarse sand 157. Water at 150.
Con XI " 25	A. Smith	Hadco Well Drlg. & Digging Ltd.	Oct. 9, 1964							Clay rock 14; clay 122; sand 124; clay 165; sand gravel 170; clay 195; sand 198. Dry hole.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont

London Twp. - cont.

Con XI	lot 25	A. Smith	Hadco Well Drlg. & Digging Ltd.	Oct. 13, 1964	54	1 1/2	100	49	Fresh	D	Boulders 15; clay 55; sand 60; sandy rock gravel 112; sand gravel 124. Water from 120 to 124.
Con XII	"	5 N. Broeders	R. Hudson	Jan. 7, 1965	36						Brown clay 8; blue clay 20. Dry hole.
Con XII	"	8 J. Vangelder	"	June 16, 1964	36						Brown topsoil 8; hard blue clay 25. Dry hole.
Con XII	"	8 B. Roberts	M. Jones	July 5, 1967	5	3	77	30	Fresh	D	Sandy clay 69; fine gravel 72; fine sand clay 78; sandy clay 120; fine sand 129. Water from 127 to 129.
Con XII	"	10 C. Shoebottom	R. Hudson	Oct. 12, 1965	36	1/4	20	13	"	D, S	Hard blue clay 22; gravel streaks. Water at 13.
Con XII	"	10 A. Blochinsky	"	Sep. 18, 1967	36						Brown clay 10; blue clay 41. Dry hole.
Con XII	"	12 C. Vanderloo	W. Hopper & Sons	Nov. 1, 1965	4	10	173	168	Sulphur	D, S	Yellow clay 16; blue clay 43; gravel 65; hardpan 164; brown rock 230. Water from 215 to 230.
Con XII	"	25 G. Bloomfield	R. Hudson	Dec. 21, 1965	36	5	50	46	Fresh	D, S	Brown clay 10; blue clay 46; gravel 52. Water at 46.
Con XII	"	26 A. Ashworth	"	Feb. 6, 1964	36	6	33	32	"	D, S	Brown clay 10; blue clay 30; coarse gravel 34. Water at 32.
Con XIII	"	11 G. McRoberts	M. Jones	Oct. 10, 1967	5	5	180	170	"	D, S	Previously drilled 116; sandy clay 125; blue clay stones 165; cemented gravel stones 180; dark brown limestone 190. Water from 187 to 188.
Con XIII	"	13 H. Finkbeiner	W. Hopper & Sons	Nov. 9, 1965	4	8	120	90	"	D, S	Yellow clay 22; blue clay stones 118; hardpan 159; brown rock 234. Water from 230 to 234.
Con XIII	"	17 R. Bush	Banes Drig. Co.	Aug. 17, 1964	36	10		14	"	D	Brown clay 14; coarse sand 18; grey clay stones 26 1/2. Water at 14.
Con XIII	"	17 Vinelen Lunch	R. Hudson	Sep. 15, 1965	36	50	25	22	"	C	Gravel 10; blue clay 20; gravel 25; blue clay 27. Water at 22.
Con XIII	"	21 D. Medland	"	June 1, 1966	36	1	20	12	"	D	Hard stony clay 12; gravel 14; blue clay stones 26. Water at 12.
Con XIII	"	22 C. Lave	R. Smith	Aug. 6, 1965	5	10	116	115	"	D, S	Stony brown clay 18; stony blue clay 65; boulders 69; sandy brown clay 75; gravelly brown clay 189; muddy sand 190; hardpan 193; coarse muddy sand 194; hardpan 197; coarse sand 218. Water at 193 and 197.
Con XIII	"	22 H. Hodgins	R. Hudson	Aug. 14, 1967	36	4	30	22	"	D	Brown clay 10; blue clay 35; sand 44; blue clay. Water at 35.
Con XIV	"	5 B. Patton	"	Oct. 31, 1966	36	1/2	44	30	"	S	Brown clay 15; blue clay 30; gravel 31; blue clay 45. Water at 30.
Con XIV	"	6 J. Zrini	M. Jones	Feb. 2, 1966	5	10	210	200	"	D	Clay stones 78; fine sand 91; sandy clay 138; brown limestone 241. Water at 240.
Con XIV	"	6 "	R. Hudson	Oct. 6, 1965							Brown clay 20; blue clay 48. Dry hole.
Con XIV	"	11 A. Donley	M. Jones	Sep. 25, 1964	5	15	195	186	"	D, S	Yellow clay 15; blue clay stones 70; fine sand blue clay stones 154; fine sand 156; brown limestone 206. Water at 202.
Con XIV	"	16 W. Layens	I. Lounsbury	Sep. 12, 1966	5	6	270	241	"	D	Gravel stones 41; gravel 212; brown limestone 264; grey limestone 272. Water at 272.
Con XIV	"	20 M. Shoebottom	R. Hudson	Jan. 30, 1964	36	5	22	18	"	D, S	Brown clay 12; blue clay 16; quicksand 22; blue clay 24. Water at 24.
Con XIV	"	23 W. Schon	"	Aug. 14, 1967	36	3	40	22	"	D	Brown clay 10; blue clay 40; sand 41; blue clay 45; sand 46. Water at 45.
Con XIV	"	27 K. Grigg	R. Smith	Jan. 20, 1965	5	11	70	50	"	D, S	Brown clay 10; boulders clay 20; coarse sand gravel 48; fine brown sand 72; stony brown clay 148; hardpan 174; coarse sand 192; muddy sand 195. Water at 174.
Con XIV	"	32 G. Robson	R. Hudson	Jan. 4, 1965	36	50	16	12	"	D, S	Brown clay 10; gravel 12; blue clay 20. Water at 12 and 20.
Con XV	"	9 C. Scell	"	Oct. 8, 1965							Brown clay 15; blue clay 42; silt sand 50. Dry hole.
Con XV	"	9 "	M. Jones	Oct. 20, 1965	5	8	215	203	"	D	Clay stones 105; coarse sand 120; sandy clay stones 158; limestone 225. Water from 203 to 225.
Con XV	"	12 W. Hack	R. Hudson	Oct. 16, 1965	36	10	13	12	"	D	Brown clay 11; gravel 14; clay. Water at 12.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
London Twp. - cont.										
Con XV lot 15	W.Slaney	Banes Drlg. Co.	Aug.28,1964	36	10	30	18	Fresh	D	Topsoil 2;brown clay 12;grey clay 18;pit run gravel 24;grey clay 30. Water at 18.
Con XV " 20	N.St.Cyr	R.Hudson	Aug. 8,1966	36	2	70	42	"	D,S	Brown clay 10;blue clay 62;gravel 63;blue clay 72. Water at 62.
Con XV " 24	W.Hardy	M.Jones	Sep. 1,1967	5	10	54	45	"	D	Dug well 35;stony gravel 50;blue clay 60;fine sand 63. Water at 61.
Con XV " 24	K.Hardy	R.Hudson	Aug. 7,1967					"	D	Brown clay 20;big stones gravel 35. Dry hole.
Con XV " 28	D.Cornell	"	Jan. 3,1967	36	10	22	18	"	D	Brown clay 10;gravel 22 1/2. Water at 18.
Con XV " 29	D.Siddall	"	May 21,1966	36	20	25	24	"	D	Brown clay 20;gravel big stones 26 1/2. Water at 24.
Con XV " 30	G.Bowman	"	Dec. 1,1965	36	25	28	26	"	D,S	Hard blue clay 26;big stones gravel 28. Water at 26.
Con XVI " 10	S.Wyatt	"	Aug.12,1965	36	10	18	15	"	D,S	Coarse gravel big stones 18. Water at 15.
Con XVI " 22	J.Ryan	R.Smith	Dec.28,1964	5	12	100	100	"	D,S	Brown clay 10;blue clay 38;gravelly blue clay 55;stony brown clay 147;hardpan streaks sand 160;coarse sand 168;clay 169. Water at 160.
McGillivray Twp.										
Con I lot 3	A.Isaac	R.Hudson	Nov.26,1964	36	1	30	24	Fresh	D,S	Brown clay 10;blue clay 24;gravel 25;blue gravel veins 36. Water at 24.
Con I " 6	L.Revington	"	Jan. 5,1965	36	1	20	14	"	D,S	Brown topsoil 14;sand 16;blue clay 24. Water at 14.
Con I " 14	G.Simpson	W.Dale	Nov.24,1967	5	9	308	295	"	D,S	Brown clay 14;boulders gravel 111;grey limestone 157;brown limestone 315. Water from 295 to 315.
Con I " 19	R.Lynn	W.Hopper & Sons	Mar. 2,1964	4	8	308	303	"	D,S	Yellow clay 12;gravel 18;sandy clay 110;hardpan 136;brown rock 330. Water from 303 to 330.
Con I " 21	A.Hill	"	Jan.30,1964	4	8	100	90	Sulphur	D,S	Yellow clay 9;gravel 13;yellow clay 22;gravel 27;sandy clay 108;hardpan 124;gravel 126;grey rock 151. Water from 140 to 150.
Con I " 33	G.Kemp	R.Hudson	May 28,1966	36	20	37	36	Fresh	D	Brown clay 15;blue clay 34;big stones gravel 38. Water at 36.
Con II " 33	PUC-Ailsa Craig	International Water Supply Ltd.	June13,1964	8	60	3	2	"	T	Clay 5;gravel clay cemented 10;coarse gravel sand 15;coarse sand clay 22;stiff clay gravel 30;sandy clay 78. Water at 10.
Con II " 14	C.Rollings	W.Hopper & Sons	Apr.20,1964	4	7	110	102	Sulphur	D,S	Sandy clay 36;grey clay 45;hardpan 96;limestone 148. Water at 148.
Con V CRE lot 21	G. McAlpine	R. Hudson	July25,1967	36	1	50	40	Fresh	D	Blue clay 40;sand 41;blue clay 51. Water at 40.
Con V CRE " 26	Vlg. Ailsa Craig	International Water Supply Ltd.	Apr. 8,1964					"	T	Sand gravel 8;brown clay gravel 10;grey clay 51;sandy grey clay 63;sandy grey clay gravel streaks 81;cemented sand gravel 82;grey brown hard clay 90;limestone.
Con V CRE " 26	"	"	Apr. 9,1964					"	T	Sand 9;grey clay gravel streak 35;boulder 36;grey clay 61; clay sand gravel 65;cemented sand gravel 67;grey clay gravel packed hard 86;limestone.
Con V CRE " 26	"	"	Apr.13,1964					"	T	Topsoil 2;brown clay gravel 4;grey clay 43;sand gravel 45; sandy grey clay gravel streaks 62;grey hard shale 71; cemented sand gravel 73;grey very hard shale 80;brown limestone 83.
Con V CRE " 27	"	"	June 15,1964	2	1 1/2	43	20	Fresh	T	Topsoil 1;sandy brown clay boulders 5;sand 7;blue clay boulder 53;sand clay 55;sand 56;hard clay gravel 61;cemented gravel clay streaks 70;hard clay shale streaks 73;rock. Water from 60 to 70.
Con V CRE " 28	"	"	June 2,1964	2	13		16	"	T	Topsoil 1;brown clay gravel 12;blue clay gravel 36;fine sand coarse sand 49;sand gravel 55;blue clay 59;hard clay gravel 60. Water from 36 to 55.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont. McGillivray Twp. - cont.													
Con V	CRE	"	28	Vlg. Ailsa Craig	International Water Supply Ltd.	June 3, 1964					T 6-64	Topsoil 1; brown clay 8; blue clay 54; hard clay gravel 78; rock.	
Con V	CRE	"	28	"	"	June 9, 1964	2	12	20	Fresh	T 7-64	Topsoil 2; brown clay 8; blue clay 13; blue hard clay 35; fine sand clay streaks 40; sand fine gravel 56; hard clay gravel 67. Water at 40.	
Con V	CRE	"	28	"	"	June 11, 1964					T 8-64	Topsoil 1; gravel 9; brown clay 11; blue clay 56; soft blue clay gravel 66; hard clay gravel 76; rock.	
Con V	CRE	"	33	"	"	July 22, 1964	8				T 13-64	Topsoil 1; clay 11; sandy clay 14; fine sand silt 28; sandy clay 53.	
Con V	CRW	"	1	M. VanderKont	R. Smith	June 29, 1965	5½	10	110	Sulphur	D,S	Stony brown clay 28; muddy sand 62; blue clay 132; stony blue clay 140; blue clay 172; rock 173. Water at 172½.	
Con V	CRW	"	18	H. Jansen	R. Hudson	Sep. 20, 1967	36	½	45	40	Fresh	D	Brown clay 10; blue clay 40; fine sand 46. Water at 40.
Con V	CRW	"	27	B. Heaman	R. Thompson	Nov. 10, 1964	36						Brown clay 15; blue clay 50. Dry hole.
Con V	CRW	"	30	W. Hall	A. Heal	Mar. 11, 1965	5						Topsoil sandy clay 25; blue clay 163; limestone 200. Dry hole.
Con VI	CRE	"	18	F. Dickins	R. Smith	Aug. 31, 1965	5	1	331	100	Sulphur	N	Brown clay 25; blue clay 83; clay stones 137; grey limestone 240; brown limestone 256; grey limestone 285; grey black rock 228; brown limestone 299; grey limestone 305; brown limestone 331; grey limestone 335; brown limestone 341. Water at 247.
Con VI	CRE	"	18	F. Dickins	"	Jan. 7, 1966	5						Brown clay 25; blue clay 105; hardpan 122; blue clay 133; hardpan 136; grey limestone 152. Dry hole.
Con VI	CRE	"	18	F. Dickins	"	Apr. 14, 1966	5	2	355	223	Sulphur	D,S	Brown clay 25; blue clay 83; hardpan 137; grey limestone 240; brown limestone 293; grey white limestone 304; brown limestone 331; grey white limestone 334; brown limestone 350; grey light brown limestone 365. Water at 247 and 362.
Con VI	CRE	"	18	F. Dickins	"	Jan. 1, 1966	5						Brown clay 25; blue clay 83; hardpan 137; grey limestone 240; brown limestone 293; grey white limestone 304; brown limestone 331; grey limestone 335; brown limestone 341. Dry hole.
Con VI	CRE	"	28	D. Drummond	W. Dale	June 2, 1964	4	9½	29	20	Fresh	S	Dug well 25; blue clay 39; fine sand 41; gravel 48½; clay 51½. Water from 44½ to 48½.
Con VI	CRE	"	28	Vlg. Ailsa Craig	International Water Supply Ltd.	June 17, 1964						T 10-64	Topsoil 1; streaks silt brown clay blue clay gravel 10; blue clay 41; blue clay gravel odd boulder 51; rock.
Con VI	CRE	lot	31	Vlg. Ailsa Craig	International Water Supply Ltd.	June 19, 1964	2	13	21	5	Fresh	T 11-64	Topsoil 1; brown clay gravel 6; blue clay 42; silt 45; sand fine gravel 53; clay gravel 56. Water from 45 to 53.
Con VI	CRW	"	2	M. Vanderkant	R. Smith	Dec. 8, 1965	5	11	111	110	Sulphur	D,S	Stony brown clay 15; blue clay 22; sandy blue clay 40; blue clay 142; stony blue clay 160; brown limestone 250. Water at 250.
Con VII	CRE	"	7	J. Hotson	R. Hudson	June 6, 1964	36	15	24	16	Fresh	D,S	Brown clay 8; blue clay 44. Water at 44.
Con IX	"	"	20	D. Thompson	Hadco Well Digging Ltd.	July 27, 1966	5½	8	65	22	"	D,S	Topsoil 1; brown clay 20; blue clay 40; gravel stones 47; blue clay 50; blue clay rocks 67; rock 70. Water at 70.
Con X	"	"	4	K. Pickering	E. Hussey	Aug. 27, 1964	4	15	73	70	Sulphur	D,S	Brown clay 23; grey clay 47; dirty gravel 50; hardpan 80; hardpan streaks limestone boulders 90; stony hardpan 108; dark brown limestone 112. Water from 109 to 112.
Con X	"	"	15	G. Stewardson	"	Oct. 9, 1964	4	5	220	220	"	D	Topsoil 3; yellow clay 12; brown blue clay 55; mild hardpan 83; stiff hardpan boulders 87; hardpan streaks brown limestone 112; soft caving limestone 115; hard brown limestone streaks soft grey limestone gypsum 185; soft grey limestone streaks black shale 206; soft brown limestone 226; caving brown blue limestone 233. Water from 231 to 233.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. McGillivray Twp. - cont.										
Con XII lot 6	W. Lewis	A. Heal	June 10, 1965	5	5		213	Fresh	D, S	Yellow topsoil 22; gritty clay 99; loose limestone clay streaks 122; grey limestone 215; loose brown limestone streaks 228. Water from 215 to 219.
Con XII "	9 J. Scott	W. Dale	Nov. 19, 1965	5	7½	173	132	"	D, S	Brown clay 18; blue clay 60; blue gravelly clay 118; blue shale 119; brown shale 130; grey limestone 177. Water from 160 to 167.
Con XII "	11 G. Prest	A. Heal	Dec. 15, 1967	5	5	152	146	"	D	Topsoil yellow clay 15; blue clay 40; gravelly clay 45; clay 108; loose limestone 121; grey limestone 150; brown limestone 156. Water at 155.
Con XII "	17 G. Amos	"	May 15, 1967	5	5	210	210	"	D, S	Topsoil yellow 18; blue clay 40; boulders 42; blue clay 109; loose limestone 134; grey limestone 138; soft grey limestone 144; grey limestone 190; brown limestone 222. Water from 217 to 218.
Con XIII "	3 L. Hodgins	"	Oct. 7, 1966	5	6	203	200	"	D, S	Topsoil yellow clay 12; blue clay 45; sand streaks clay 48; blue clay 100; clay loose boulders 114; grey limestone 165; brown limestone 225. Water from 218 to 222.
Con XIV "	16 McGillivray	W. Dale	Aug. 31, 1965	5	1	147	138	"	N	Brown clay 15; blue clay 90; blue clay gravel 119; blue shale 128; grey limestone 159. Dry hole.
Con XIV "	16 Twp. School Area	"	Sep. 29, 1965	7	5	146	132	"	P	Brown clay 24; muddy sand 30; blue clay 116; grey shale 130½; brown limestone 146. Water at 132 and 142.
Con XV "	16 H. Mawson	R. Hudson	Nov. 19, 1966	36	1	25	12	"	D	Brown clay 12; sand 15; blue clay 27. Water at 12.
North Boundary Con. lot 37	M. Pollock	R. Hudson	Aug. 27, 1966	36						Sand 3; blue clay 30. Dry hole.
" 41	L. Stewardson	S. Atkinson	Jan. 26, 1965	4	4	56	46	Sulphur	D, S	Topsoil 2; yellow clay 10; blue clay 112; rock 121. Water at 112½ and 120.
Metcalf Twp.										
Con I lot 3	C. Freer	Dolphin & Earl	June 6, 1964	4		Flows	Flows	Sulphur	D, S	Red clay 20; blue clay 79; gravel 81. Water at 80.
Con I " 14	J. Siroyt	"	Oct. 28, 1965	4	3	70	27	Fresh	D	Sand 9; clay 12; sand 18; blue clay 138; sand gravel 139; top rock. Water at 138 and 139.
Con III "	12 M. Smithrim	S. Earl	Nov. 10, 1964	6	½		60	"	N	Sand 3; clay 117; hardpan 133. Water at 117.
Con III "	12 "	"	Nov. 26, 1964	4½	1	110	40	"	N	Clay 115; hardpan 133. Water from 115 to 118.
Con III "	12 "	"	June 16, 1965	4				"		Sand 3; clay 115; hardpan 164. Dry hole.
Con III "	12 "	"	June 19, 1965	4				"		Sand 4; clay 102; hardpan 132. Dry hole.
Con III "	12 "	"	June 25, 1965	4				"		Sand 4; clay 107; hardpan 135. Dry hole.
Con III "	12 "	"	July 5, 1965	4				"		Sand 4; clay 114; hardpan 149; grey shale 210. Dry hole.
Con III "	12 "	"	July 10, 1965	4½	8	70	17	Fresh	D	Sand 4; clay 116; hardpan 119. Water at 118.
Con III "	14 H. Berghuis	Dolphin & Earl	Apr. 30, 1964	4	3	90	19	"	D, S	Sand 25; clay 122; hardpan 123; gravel 126. Water from 123 to 126.
Con IV "	13 E. Starr	R. Hudson	Oct. 8, 1966	36				"		Sand 5; silty blue clay 20. Dry hole.
Con V "	11 B. Patterson	Dolphin & Earl	Sep. 21, 1965	4	2	90	26	"	D	Yellow clay 15; blue clay 86; sand 121; dark rock 146. Water at 86 and 139.
Con VII "	3 Winter Bros.	"	Oct. 24, 1964	4	3	76	20	Sulphur	D, S	Yellow clay 15; clay 66; hardpan 72; black shale 79; top rock 85. Water at 77 and 78.
Con XII "	2 G. Rowe	R. Hudson	Oct. 17, 1964	36	1	20	13	Fresh	D, S	Sandy clay 24. Water 8 to 24.
Con XII "	19 K. Field	Dolphin & Earl	Mar. 30, 1965	2	4	20	19	"	D, S	Yellow clay 15; blue clay 72; hardpan 86; black shale 111; top rock. Water at 86 and 111.

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont.

Metcalf Twp. - cont.		G. Kenney		Dolphin & Earl		Apr. 16, 1964		4		3		50		15		Fresh		D, S		Yellow clay 30; sand 50; hardpan 88; dark rock 93. Water at 89.			
Con XII lot 20		McLeans Bros.		"		Apr. 2, 1966		4		3		50		15		Fresh		D, S		Sand clay 20; blue clay 137½; top rock 212. Dry hole.			
Con XIV "		8 Constr.		"		"		4		3		90		21		"		D, S		Yellow topsoil 15; blue clay 109; hardpan 119; loose limestone clay streaks 121. Water at 119.			
Con XIV "		14 O. Towers		A. Heal		July 25, 1964		5		3		90		21		"		D, S		Yellow topsoil 15; blue clay 109; hardpan 119; loose limestone clay streaks 121. Water at 119.			
Mosa Twp.		lot 2		J. Fraleigh		Dolphin & Earl		Jan. 13, 1965		4		6		94		70		Fresh		D, S		Yellow clay 15; blue clay 115; hardpan 142; gravel 144. Water at 142 and 144.	
Con I		" 8		M. Nethercott		"		Oct. 19, 1965		4		6		45		40		"		D		Clay 10; blue clay 80; hardpan 90; gravel sand 95. Water from 92 to 94.	
Con I		" 17		G. Bell		"		July 20, 1966		4		5		40		20		"		D		Red sand 6; sand clay 12; clay hardpan 35. Water from 6 to 12.	
Con I		" 20		F. Bunda		"		Aug. 13, 1966		4		5		40		20		"		D		Sand 9; clay 81; hardpan 100; gravel 102. Water from 100 to 102.	
Con II		" 8		Mosa Twp.		"		Aug. 4, 1966		4		4		55		42		Sulphur		C		Sand 4; blue clay 60; sand 65; hardpan 94; black gravel 97; black shale 98. Water at 98.	
Con II		" 12		J. Mitchell		"		Aug. 15, 1966		5		20		35		10		Fresh		D, S		Yellow clay 10; blue clay 50; hardpan 60; gravel 61½. Water at 60 and 61½.	
Con III		" 1		H. McEachren		R. Lather		July 15, 1967		4		3		60		31		"		D		Sand 6; grey clay 68; clay sand 94; hardpan gravel 96. Water at 96.	
Con III		" 11		J. Mitchell		Dolphin & Earl		Aug. 15, 1966		5		10		30		12		Fresh		D, S		Yellow clay 10; blue clay 47; hardpan gravel 50. Dry hole.	
Con III		" 11		"		"		Aug. 15, 1966		5		10		30		12		"		D, S		Yellow clay 10; blue clay 45; hardpan 50; gravel 51. Water from 50 to 51.	
Con III		" 11		"		Earl & Lather		Oct. 30, 1967		5		8		34		32		"		D, S		Sand 5; grey clay 48; hardpan 53; coarse gravel. Water at 53.	
Con III		" 11		"		Dolphin & Earl		Aug. 15, 1966		5		20		35		10		"		D, S		Yellow clay 10; blue clay 50; hardpan 60; gravel sand 62. Water from 60 to 62.	
Con IV		" 8		R. Mitchell		R. Lather		Sep. 14, 1966		4		2		90		28		"		S		Sand 5; grey clay 85; hardpan 105; sand gravel 106. Water at 106.	
Con IV		" 19		J. McMaster		W. Marsh		Apr. 11, 1967		4		3		40		6		Salty		D, S		Sand 6; clay stones 72; hardpan 85; clay stones 94; top rock 100; rock 144. Water from 72 to 85 and at 143.	
Con V		" 9		L. Chevalier		Dolphin & Earl		Oct. 6, 1966		5		3		40		6		"		D		Sand 20; blue clay 73; hard rock 75. Dry hole.	
Con V		" 13		"		"		Sep. 23, 1966		5		3		40		6		"		D		Yellow sand 10; clay 20; blue clay 90; top black shale 134; top rock 138. Dry hole.	
Con V		" 13		"		"		Oct. 6, 1966		7		2		40		20		"		D		Sand 27; clay 65; hardpan. Dry hole.	
Con V		" 13		"		R. Lather		Jan. 26, 1967		4		2		40		20		Fresh		D		Sand 13; grey clay 70; grey hardpan 91; black shale 95. Water at 92.	
Con VI		" 16		W. Stubbs		W. Marsh		Apr. 17, 1967		4		7		15		7		"		D, S		Sand 10; clay 70; hardpan 76; black shale 86. Water from 83 to 86.	
Con VIII		" 5		R. McCoomb		A. Heal		Apr. 30, 1964		4		½		78		20		"		D		Topsoil yellow clay 12; sand 15; sandy clay 25; fine sand soft clay 60; blue clay 65; hardpan 78½; black shale 80. Water at 78½.	
Con VIII		" 6		A. McAlpine		"		Mar. 25, 1964		4		2		31		Flows		"		D		Topsoil sandy clay 8; blue soil clay 37; black gravel 38. Water from 37 to 38.	
Con IX		" 5		G. Podolinsky		Dolphin & Earl		May 6, 1967		4		3		65		31		"		D, S		Sand loam 4; yellow clay 12; blue clay 70; hardpan 73; gravel 75. Water from 71 to 75.	
Con IX		" 7		V. Foreman		"		July 20, 1965		4		½		140		33		"		S		Clay 17; sand 25; hardpan 34; gravel 37; shale 55. Water at 34.	
LEN Range II		" 2		R. Simpson		"		Sep. 17, 1964		4		4		140		33		"		S		Yellow clay sand 15; blue clay 127; hardpan 130; hardpan boulders 154; top rock 170; top soapstone 177. Water at 104 and 154½.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Refers to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. Moss Twp. - cont.										
LRN Range II lot 4	R.Simpson	Dolphin & Earl	Sep.17,1964	4	4	140	33	Fresh	S	Yellow clay sand 15;blue clay 127;hardpan 130;hardpan boulders 154;top rock 170;top soapstone 177. Water at 104 and 154.
LRN Range II "	7 R.Martin	"	Dec.14,1964						N	Yellow clay 15;blue clay 108;sand fine gravel 160;top rock 175 soapstone. Water at 108.
LRN Range II "	7 "	"	Dec.18,1964	4	5	35	31	Fresh	D,S	Yellow clay 15;blue clay 85;hardpan 95;fine gravel 98. Water from 95 to 98.
LRS Range I "	6 R.Schacken	R.Lather	Aug.31,1966							Sand gravel 4;grey clay 110;fine sand 126;hardpan 149;pink clay 156;fine sand 167;hardpan 191;limestone 193;top rock 196. Dry hole.
LRS Range I "	6 "	"	Sep. 6,1966	4	6	55	38	Fresh	D	Sand gravel 5;grey clay 110;fine sand 120;fine gravel 123. Water at 120.
LRS Range I "	8 S.Simpson	"	Nov.12,1966	4						Sand 6;clay 112;hardpan 132;silt 133;hardpan 155. Dry hole.
LRS Range I "	8 "	"	Nov.22,1966	4						Sand 6;grey clay 85;hardpan 138;silty sand 139;hardpan 155. Dry hole.
Newbury Village										
	J.Staels	W.Marsh	Mar.28,1964	5	4	140	29	Salty	D	Red sand 6;sand 8;clay stones 55;sand silt 80;clay stones 104; hardpan 131;top rock 137;soft shale 147. Water at 123 and 146.
	McNaughton Bros	Dolphin & Earl	Apr. 4,1964							Sand 5;blue clay 35;sand 70;hardpan gravel 120;top rock 135; soft top rock or soapstone 153. Dry hole.
	"	"	Apr.10,1964	7	1	150	21	Fresh	C-	Sand 5;blue clay 36;sand 42;gravel hardpan 111;top rock 128; soapstone 160. Water at 116.
	"	"	Apr.22,1964							Sand 4;yellow clay 12;blue clay 80;sand 86;hardpan 102;top rock 116;top soapstone 117. Water at 80.
	Newbury Legion Hall	"	May 18,1964	4	2	90	30	Fresh	D	Sand 10;blue clay 112;hardpan gravel 124;hard grey rock 128. Water at 128.
	Justice Hurdle	W.Marsh & Sons	Nov.13,1964	5	10	75	28	"	D	Sand 47;clay stones 83;hardpan gravel sand streaks 136;top rock 137. Water from 124 to 126 and at 136.
	"	"	Nov.23,1965	5	5	38	8	"	D	Red sand 5;grey sand 38;sand gravel 46;clay 48. Water at 40.
	W.Boden	S.Earl	Dec.31,1965	4	15	20	5	"	D	Sand 15;clay 40;sand gravel 47. Water from 40 to 47.
	D.Steele	W.Marsh	Mar. 5,1966	8	6	140	37	"	D	Top sand 8;grey clay 42;fine sand 76;sandy hardpan coarse gravel 126;soft top rock 131;solid rock 135;soft top rock 148. Water from 42 to 72 and at 122.
	F.Jones	Dolphin & Earl	Mar. 5,1966	4	4	95	32	"	D	Sand 4;blue clay 120;sand top rock 125. Water at 125.
	C.Degraw	"	Mar.18,1966	4	4	102	27	"	D	Sand 24;blue clay 70;hardpan 120;gravel sand 122. Water at 122.
	Newbury Hospital Board	"	June 21,1966							Sand 7;sand clay mixture 41. Water at 31.
	"	"	July 9,1966							Sand 7;sandy silty clay 41. Water from 7 to 41, silty.
	"	"	July 11,1966							Sand 7;sandy silty clay 41. Water from 7 to 41.
	"	"	July 11,1966	7	40	24	7	Fresh	P	Red sand 5;sand clay streaks 30;fine sand gravel 40. Water from 30 to 40.
	"	"	July 16,1966					"		Sand 7;sandy silty clay 41. Water from 7 to 41. Silty.
	"	"	July 18,1966	7	40	24	6 1/2	"	P	Red sand 5;clay sand gravel streaks 30;sand gravel 38. Water from 28 to 38.
	"	"	July 4,1966	7	30	25	34	"	P	Red sand 5;sand 18;coarse sand hardpan 27;gravel 40;clay hardpan 41. Water from 37 to 40.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
Newbury Village - cont.

North Dorchester Twp.  
Thames River North Survey

TRN Con I	lot 1	J. Bird	E. Hussey	May 13, 1964	4	7	24	16	Fresh	D	Red sand 7; clay stones 40; fine sand 76; clay small stones 121; hardpan 130; grey shale 138. Water from 122 to 130.
TRN Con I	"	1 C. Ball	R. Hudson	Sep. 25, 1964	36	3	10	4	"	D	Old well 60; boulders 63; stiff hardpan 83; medium fine gravel 86. Water from 83 to 86.
TRN Con I	"	1 H. Roulston	W. Dale	Nov. 28, 1966	5	9	32	18	"	D	Topsoil 2; gravel 6; blue clay 13. Water at 5.
TRN Con I	"	1 T. Olekson	M. Jones	Nov. 9, 1967	5	8	50	19	"	D	Sand 2; sandy grey clay 62; grey clay 100; sand 103. Water from 100 to 103.
TRN Con I	"	3 Burro Gas	K. McLeod & Sons	Jan. 18, 1967	5 1/2	6	15	15	"	D	Sandy clay 8; red clay 30; blue clay 67; coarse sand 68; blue clay 80; fine sand 97. Water at 97.
TRN Con I	"	4 W. Kotor	Hadco Well Digging Ltd.	Oct. 20, 1965	5 1/2	25	75	27	"	D	Brown clay 15; blue clay 36; gravel 37. Water at 37.
TRN Con I	"	4 "	"	Nov. 3, 1965	5 1/2	25	75	27	"	D	Clay 12; rock shale 22. Dry hole.
TRN Con I	"	5 J. Roney	K. McLeod & Sons	July 26, 1965	5 1/2	5	95	65	"	D, S	Sandy brown clay 5; rocks clay 37; sand 41; rocks clay 68; rock 80 clay 93; sand 95; grey rock 106; broken rock 110; broken grey rock 115. Water from 110 to 115.
TRN Con I	"	6 R. Given	Hadco Well Drlg. & Digging	June 14, 1965	4	30	105	55	"	D	Brown clay 20; blue clay 50; hardpan stones 116; limestone 118. Water at 118.
TRN Con I	"	12 Dr. A. Bruder	M. Jones	Dec. 31, 1964	5	10	20	5	"	D	Clay 45; sand 53; gravel 55; clay 70; sand clay 92; gravel 107; grey rock 125. Water from 110 to 125.
TRN Con I	"	14 K. Bryant	R. Helkaa	July 22, 1967	5	5	60	20	"	D, S	Dug well 15; stones clay 55; sandy clay 77; limestone 100. Water at 99 1/2.
TRN Con II	"	4 K. Gritter	K. McLeod & Sons	Nov. 24, 1964	4 1/2	5	62	30	"	D	Gravel large stones 25; clay large stones 50; mixed clay gravel large stones 93 1/2. Water from 90 to 93 1/2.
TRN Con II	"	10 J. Woods	Hadco Well Digging Ltd.	Mar. 28, 1966	5 1/2	10	60	25	Sulphur	D, S	Brown clay 16; blue clay 25; gravelly hardpan stones 110; limestone rock 117. Water at 117.
TRN Con II	"	14 J. Wilson	W. Dale	Aug. 18, 1964	4	6	41	35	Fresh	D, S	Brown sand 38; sandy blue clay 57; gravel brown sandy rock 69; soft brown rock 95; grey rock 110. Water from 105 to 110.
TRN Con III	"	1 H. Perry	H. Siegrist	May 26, 1965	5 1/2	5	36	"	"	D	Dug well 35; gravel 38; fine sand 56. Water from 52 to 56.
TRN Con III	"	2 A. Perry	"	Aug. 9, 1966	4	2	74	25	Sulphur	D	Clay 4; gravel 46; coarse sand 48. Water at 48.
TRN Con III	"	3 J. Crockett	W. Dale	Aug. 13, 1964	5	10	36	29	Fresh	D, S	Sand 53; gravel 55; clay 61; sand 64; clay 71; coarse sand 80. Water at 80.
TRN Con III	"	3 J. Bernard	R. Hudson	Aug. 24, 1966	36	5	28	26	"	D	Brown clay 8; grey clay boulders 17; grey clay gravel 41; grey clay 67; grey clay gravel 95; cemented gravel 98; gravel 102. Water at 98.
TRN Con III	lot 3	R. Douglas	H. Seigrist	May 15, 1964	4	250	60	30	Sulphur	D	Sand 30. Water at 26.
TRN Con III	"	6 A. Beauclair	R. Hudson	Nov. 10, 1965	2	20	14	"	Fresh	D	Sand 6; clay 25; sand 35; clay 60; hardpan 75. Water at 75.
TRN Con III	"	7 J. Baker	W. Dale Well Drlg	Feb. 7, 1964	5	9	47	47	Fresh	D, S	Gravel 17; blue clay 23. Water at 14.
TRN Con III	"	7 R. Castle	M. Jones	Sep. 7, 1965	6	10	27	22	"	D	Topsoil 2; stones grey clay 18; grey clay small stones 62; muddy gravel 68; gravel 71. Water from 68 to 71.
TRN Con III	"	7 Cloverleaf Transport Co.	Hadco Well Drlg. & Digging	May 27, 1965	4	6	90	65	"	C	Clay stones 56; light brown limestone 60; fine sand 79; dark brown limestone 89. Water at 88.
TRN Con III	"	11 P. Bugo	W. Dale	Feb. 18, 1967	5	7	62	33	"	D, S	Clay 25; sand 28; clay gravel 83; sand gravel 87; clay gravel 95; clay 104; green rock 112; broken grey rock 122. Water from 112 to 122.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations entered below the surface are given in feet)
MIDDLESEX COUNTY - cont. North Dorchester Twp - cont.										
TRN Con III lot 11	J. Baines	M. Jones	Aug. 25, 1967	5	6	132	40	Fresh	D	Sandy clay 20; fine sand 62; sand clay 92; fine shooting sand 107; broken limestone 110; cemented sand fine gravel 132; grey limestone 135. Water at 135.
TRN Con III " 13	D. Hunt	W. Dale	Feb. 6, 1964	5	7	24	20	"	D	Brown clay 8; grey clay 28; fine brown sand 50; sand gravel 56. Water from 53 to 56.
TRN Con IV " 11	D. Turpin	Hadco Well Drig & Digging Ltd.	Nov. 4, 1966	30	3	20	12	Fresh	D	Topsoil 1; brown clay 11; brown sand 20. Water at 12.
TRN Con IV " 12	W. Paddio	W. Dale	Aug. 23, 1966	5	6	108	44	"	D	Brown sand 40; clay sand 52; fine sand 75; gravelly clay 93; cemented gravel 125; grey shale 126. Water from 125 to 126.
TRN Con IV " 13	P. Stewart	R. Smith	Aug. 22, 1967	5	10	60	55	"	D	Sandy loam 6; silty brown sand 25; grey brown clay 32; fine brown sand 63; fine grey sand 77. Water from 63 to 77.
TRN Con IV " 13	S. Guerra	Hadco Well Drig. & Digging	Sep. 12, 1967	5	6	100	95	"	D	Topsoil 1; brown clay 35; grey clay 62; gravel 65; grey clay stones 95; grey clay hardpan 135; grey limestone 165. Water at 142 and 158.
TRN Con IV " 13	J. Shackelton	W. Dale	Dec. 27, 1967	5	5	88	55	"	D, S	Brown clay 8; blue clay 20; blue clay sand 24; blue clay 74; fine brown sand 97; blue clay 98. Water from 74 to 97.
TRN Con IV " 14	P. Bugo	"	June 1, 1967	5	10	38	9	"	D	Brown sand 32; grey sand clay 57; cemented gravel 74; hardpan 97; grey shale 100. Water from 97 to 100.
TRN Con IV " 15	R. Thatcher	R. Hudson	Mar. 8, 1967	36	1 1/2	18	9	"	D	Topsoil 2; fine sand 18; clay sand 22 1/2. Water at 9.
TRN Con IV " 17	J. Marr	Hadco Well Digging Ltd.	Feb. 14, 1967	5 1/2	10	50	30	"	D	Brown sand 5; brown clay sand 20; blue clay stones 75; hardpan 95; gravel. Water at 95.
Thames River South Survey										sand 97. Water at 95.
TRS Con A " 19	G. Tiner	W. Dale	June 28, 1965	4	7	64	44	"	D	Previously drilled 67; sand 69; boulder. Water from 67 to 69.
TRS Con A " 20	B. Griffith	R. Smith	July 12, 1965	5 1/2	8	14	10	"	D	Hardpan stone 55; gravel 58. Water from 55 to 58.
TRS Con A " 20	E. Freeman	W. Dale	Aug. 29, 1966	5	10	18 1/2	11	Sulphur	D	Clay boulder 3; yellow sand 16; blue clay sand 34; blue clay 46; silty sand 51; limestone 52. Water from 51 to 52.
TRS Con A " 21	J. Dzus	K. McLeod & Sons	Apr. 21, 1966	5	6	45	38	"	D	Brown clay stones 20; hardpan 69; dirty gravel 75; gravel 76. Water at 76.
TRS Con A " 24	G. Elkington	W. Dale	Apr. 20, 1964	5	4 1/2	93	50	Fresh	D	Brown sand 8; grey clay 52; cemented gravel 97; boulder 99; clay gravel 101; boulder 105; clay gravel 118; gravel 119 1/2. Water from 118 to 119 1/2.
TRS Con A " 24	P. Griffith	"	Oct. 7, 1964	5	10	74	47	"	D	Brown clay 8; brown clay stones 32; grey clay 73; grey clay gravel 87; mummy sand 97; cemented gravel 125; gravel 127. Water from 125 to 127.
TRS Con B " 12	C. Vandewege	Hadco Well Digging Ltd.	July 8, 1964	36	5	17	11	"	D	Topsoil 1; brown sandy clay 10; brown sand 15; grey coarse sand 20. Water at 11.
TRS Con B " 13	W. Hendrick's Constr.	"	Mar. 15, 1967	30	4	20	4	"	D	Sand gravel 6; blue clay 8; gravel 10; blue clay 18; blue sand 25; blue clay 26. Water at 6 and 18.
TRS Con B " 17	K. Martin	"	May 23, 1964	27 1/2	2	14	14	"	D	Topsoil 1; brown sand 16; blue sand gravel 20. Water at 14.
TRS Con B " 17	"	"	July 8, 1964	36	15	19	14	"	D	Topsoil 1; brown sandy clay 12; sand gravel 22. Water at 14.
TRS Con B " 17	C. Brandhurst	"	Apr. 24, 1967	30	4	20	8	"	D	Topsoil 6; brown sand 7; fine gravel 20. Water at 8.
TRS Con B " 24	P. Lassaline	W. Dale	July 31, 1964	5	12	92	23	"	Ir	Sandy clay 18; grey clay 48; grey clay gravel 113; hardpan 127; grey shale 130; grey limestone 133; gravelly shale 135. Water from 133 to 135.
TRS Con I " 2	J. Jibb	K. McLeod & Sons	July 22, 1965	4	5	100	65	Fresh	D	Brown sandy clay 60; blue clay 70; sandy blue clay 125; gravel 135. Water at 130.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

North Dorchester Twp. - cont.  
Thames River South Survey cont.

TRS Con I	lot 3	R. Thomas	Hadco Well Drlg. & Digging Ltd.	May 26, 1967	5				Sulphur	N	Brown clay 20; sand gravel 35; sand 65; blue clay 100; brown sand 125; gravel 139; gravel sand 140; brown rock 142.
TRS Con I	" 3	R. Thomas	"	May 27, 1967	30	5	40	32	Fresh	D	Topsoil 8; brown clay 10; brown sand 18; blue clay 30; gravel 40. Water at 32.
TRS Con I	" 7	G. Handsford	K. McLeod & Sons	Dec. 15, 1966	5 1/2	10	25	25	"	D	Blue clay 75; sand 110; blue clay 143; white hardpan 171; limestone 175. Water at 175.
TRS Con I	" 14	P. Howson	Hadco Well Drlg. & Digging Ltd.	Oct. 25, 1966	4	10	60	28	"	D	Sand gravel 40; blue clay 65; cemented gravel 94; limestone 105. Water at 102.
TRS Con I	" 16	R. Gough	R. Smith	Nov. 5, 1964	5	10	85	77	"	D, S	Brown clay 18; blue clay 48; silty brown sand 105; silty grey sand 125; sandy brown clay 160; gravelly brown clay 173; coarse sand 185; silty brown sand 188. Water from 173 to 185.
TRS Con I	" 17	R. Harding	W. Dale	Sep. 26, 1966	5	2			Flows Sulphur	D	Grey clay 11; blue clay 40; blue clay gravel 74; gravelly clay 83; cemented gravel 105; limestone 106. *water from 105 to 106.
TRS Con I	" 18	Dorchester Mobile Home Estates Ltd.	"	May 31, 1966	5	12	56	38	Fresh	D	*Brown clay 16; grey clay 27; soft grey clay 62; gravelly grey clay 102; gravelly grey clay streaks fine sand 162; sand 163; limestone. Water from 162 to 163.
TRS Con I	" 21	L. Anderson	"	Mar. 29, 1967	4	10	80	48	"	D	Brown clay 12; stones gravel 23; blue clay 54; blue clay gravel 66; fine sand 81; sand 85; silty sand 90. Water from 81 to 85.
TRS Con II	" 23	W. Wilson	W. Dale	Sep. 25, 1964	4	5	61	34	"	D	Brown clay 8; sandy brown clay 17; blue clay stones 54; fine sand 74; grey clay 81. Water from 68 to 72.
TRS Con II	" 24	Gold Seal Dairies Ltd.	R. Smith	July 21, 1967	5 1/2	12	42	34	2	D, S	Brown clay 12; blue clay 25; silty blue clay 42; stony clay 132; coarse sand clay 144; coarse sand 149. Water from 144 to 149.
TRS Con III	" 4	L. Longfield	E. Hoover & Son	Aug. 7, 1964	5	3	8	2	"	D	Topsoil 5; sand 15; soft clay 74; sand 77. Water at 74.
TRS Con III	" 11	D. Young	W. Dale	June 9, 1965	5	8	81	73	"	D, S	Brown clay 20; grey clay gravel 44; grey clay 66; sandy clay 78; sand 94; fine sand 126; sand gravel 138; sandy clay 140. Water from 134 to 138.
TRS Con III	" 23	H. VanBommel	"	Aug. 11, 1965	4	6 1/2	52	25	"	D, S	Brown clay 6; brown clay gravel 20; grey clay gravel 39; muddy sand 48; blue clay 55; fine sand 66; sandy clay 69. Water from 55 to 66.
TRS Con III	" 24	J. McTellen	"	Aug. 5, 1965	4	9	22	15	"	D, S	Brown clay 6; grey clay gravel 20; sandy clay 39; fine sand 55; muddy sand 58. Water from 50 to 54.
TRS Con III	" 24	J. Young	"	Feb. 25, 1966	4	9	21	12	"	D	Brown clay 11; grey clay gravel 14; grey clay 26; sandy clay 41; fine sand 51; muddy sand 53. Water from 41 to 51.
TRS Con IV	" 12	H. Morris	"	Dec. 27, 1966	5	9	116	101	"	D, S	Brown clay 18; grey clay 29; blue clay 84; grey sand 117; silty sand 135; brown sand 145. Water from 135 to 145.
TRS Con IV	" 20	J. Wyatt	M. Jones	June 12, 1964	5	10	88	65	Oil	D, S	Clay 80; fine sand 105; sandy clay 179; fine gravel dirty sand 182; clay sandy clay 256; dark limestone 259. Water at 258.
TRS Con V	" B	G. Smaile	E. Hoover & Son	Sep. 9, 1964	5	3	35	3	Fresh	D, S	Topsoil 5; red clay 45; clay stones 70; hardpan 85; sand gravel 132; gravel 133. Water at 133.
TRS Con V	" 12	L. Campbell	R. Helkaa	Sep. 13, 1966	5	4 1/2	12	12	"	D	Clay 35; sandy clay 69; sand 70; hardpan 71. Water at 71.
TRS Con V	" 12	M. Jeffery	"	Aug. 18, 1967	5	5	9	7	"	D	Clay 58; coarse sand 60. Water at 60.
TRS Con V	" 13	V. Kerr	Hadco Well Drlg. & Digging Ltd.	Dec. 21, 1967	5	5	185	90	"	D	Top soil 6; brown sandy clay 55; brown sand 56; grey clay 190; hardpan 212; grey sand 218. Water at 212.
TRS Con V	" 15	M. Secord	E. Hoover & Sons	Nov. 9, 1962	5 1/2	3	9	8	"	D, S	Red clay 15; blue clay 35; sand 37; blue clay 62; sand 63. Water at 62.
TRS Con V	" 15	H. Rath	R. Helkaa	July 6, 1966	5	3	15	15	"	D, S	Clay 60; quicksand 93; soft brown clay 110; sand 118; fine gravel. Water at 118.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
North Dorchester Twp.	- cont.									
TRS Con V lot 24	H. Parquhar	W. Dale	Dec. 9, 1965	4	3½	74	35	Fresh	D, S	Fill 3; brown clay 12; soft grey clay 38; muddy sand 44; grey clay 52; muddy sand 65; sand 71; grey clay 80. Water from 67 to 71.
TRS Con VI " 3	I. Trecey	W. McBeth	Sep. 30, 1964	5½	5	60	50	"	D, S	Blue clay 40; sand 97; hardpan 99; gravel. Water at 99.
TRS Con VI " 3	M. Johnson	Hadco Drilg. Co	Aug. 17, 1965	5	60	90	50	"	D	Sandy clay 15; blue clay 45; sand clay layers 140; blue clay 160; clay gravel layers 174; sandy gravel 182. Water from 174 to 182.
TRS Con VI " 3	R. Thornton	W. McBeth	Sep. 15, 1965	5½	5	48	35	"	D	Brown clay 45; hard sand 105; sand 145; sandy soft blue clay 168; hardpan 170; gravel. Water at 170.
TRS Con VI " 3	W. O'Dwyer	"	Oct. 20, 1966	5½	5	123	60	"	D	Brown clay 40; sticky silty sand 182; fine gravel 185. Water from 182 to 185.
TRS Con VI " 3	G. Vanderhoek	E. Mitchell	Jan. 5, 1967	5	5	80	60	"	D, S	Clay 30; sand 35; clay 135; clay sand 190; sand gravel 200. Water from 30 to 35, 180 and 200.
TRS Con VI lot 4	G. Gobel	E. Hoover & Son	Aug. 4, 1966	5	2	45	40	Fresh	D.	Topsoil 2; blue clay 20; gravel 81; fine pasty sand 95; fine sand 97. Water at 95.
TRS Con VI " 4	M. McIntyre	E. Hoover & Sons	Sep. 22, 1965	5	5	28	18	"	D	Topsoil 3; clay stones 8; sand stones 52; gravel 53. Water at 52.
TRS Con VI " 5	S. Bennet	W. McBeth	July 17, 1965	5½	5	30	20	"	D, S	Brown clay 40; fine sand 90; stony blue clay 102; hardpan 106; gravel. Water at 106.
TRS Con VI " 15	R. Poortinga	E. Hoover & Sons	Jan. 24, 1966	5	3	30	20	"	D, S	Topsoil 2; stony clay 22; fine sand gravel 56; putty sand 102; gravel 120. Water at 120.
Parkhill, Town										
	R. Gooding	R. Hudson	Nov. 30, 1967	42						Blue clay 65. Dry hole.
Strathroy, Town										
	Strathroy PUC	International Water Supply Ltd.	June 30, 1967	2			2	Fresh	T	Red sand 2; fine sand silt 22; fine sand silt small clay streaks 38; fine sand sand 57; grey clay fine sand streaks 74; fine sand clay streaks 88; grey clay 98; grey clay fine sand streaks 107; grey clay sticky sand 200. Water from 2 to 57.
	"	"	July 7, 1967	6	27	20	2	"	T	Red sand 3; fine sand clay streaks 24; sand fine sand clay balls 38; brown clay silt 39; fine sand sand streaks 53; silt fine sand clay streaks 82; fine sand silt 86; silt fine sand clay streaks 91. Water from 2 to 53.
	"	"	July 10, 1967	2					T	Red sand 3; fine sand silt clay streaks 38; grey clay silt streaks 91; grey clay sticky 127. Dry hole.
	"	"	July 12, 1967	2	40	18½	10	Fresh	T	Red sand 7; grey sand 12; brown sand silt 22; fine sand silt black streaks 25; brown sand 35; brown sand grey silt fine sand 39; silt fine sand grey streaky clay 69; grey sandy clay hard packed 83; grey clay silty streaks 121; grey sticky clay 128. Water from 7 to 39.
	"	"	July 18, 1967	2				"	T	Red sand 4; sand fine sand 53; fine sand grey silt 65. Water from 4 to 65.
	"	"	July 21, 1967	6	105	10½	3	"	T	Red sand 4; sand fine sand 50; fine sand grey silt 66; fine sand grey silt clay streaks 71. Water from 3 to 66.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
Strathroy Town - cont.

Strathroy PUC	International Water Supply Ltd.	Jul.22,1967	2	30	40	Flows	Chloride	T	18-67	Red sand 4;fine sand silt 9;brown sand 57;grey clay 56;sand silt 64;grey clay sand silt streaks 84;grey soft clay 185; gravel sand boulders grey clay streaks 198;cemented sand gravel boulders 201;bedrock. Water at 9 and 198.
"	"	Jul.25,1967	2	2				T	9-67	Red sand 3;sand fine sand 29;fine sand grey silt clay streaks 32;fine sand 49;grey clay silt streaks 51. Dry hole.
"	"	Jul.26,1967	2					T	10-67	Red sandy clay 4;sand old wood 15;fine sand grey silt clay streaks 68;grey clay silty fine sand streaks 86;grey clay silt 150;sandy grey clay 180;grey silty clay 188;bedrock. Dry hole.
"	"	Jul.27,1967	2			9	Fresh	T	11-67	Red sand 4;brown sand 35;sand grey silt clay streaks 40;grey clay silt 48;fine sand silt grey clay streaks 64;grey clay silt 87;fine sand silt clay streaks 120;grey sticky clay 149. Water from 9 to 45.
"	"	Jul.28,1967	2			8½	"	T	12-67	Red sand 4;brown medium sand 33;sand fine sand small silt streaks 43;grey clay silt streaks 44. Water from 4 to 44.
"	"	Aug. 1,1967	6	22	18½	8	"	T	13-67	Red sand 4;brown medium sand 33;sand fine sand small silt streaks 42;grey clay silt 48. Water at 33 and 42.
"	"	Aug.16,1967	6	45	21	8	"	T	16-67	Red sand 4;brown sand 33;sand fine sand small silt streaks 41;grey clay silt 43. Water from 8 to 43.
"	"	Aug.23,1967	2	20	13	2½	"	T	19-67	Red sand 4;fine sand silt 9;brown sand 57;grey clay streak 58;sand silt 63;silty grey clay sand streaks 70. Water from 3 to 57.
"	"	Aug.29,1967	6	56	18	3	"	T	20-67	Red sand 4;fine sand silt 9;brown sand 50;grey sand silt 57; grey clay 58;fine sand silt clay streaks 64. Water from 3 to 57.
"	"	July13,1967	2			4	"	T	5-67	Red sand 4;brown sand silt 35;fine sand silt sand 60;grey clay silt streaks 102;sticky grey clay 127. Water from 4 to 60.
"	"	Aug.11,1967	2			16	"	T	14-67	Topsoil 4;brown medium sand 35;grey sand silt 78;fine sand silt grey clay streaks 102;grey sticky clay 192. Water from 4 to 78.
"	"	Aug.15,1967	2	20	21	16	"	T	15-67	Topsoil 4;blown sand 36;grey sand silt 63;grey sand fine silt clay streaks 79;fine sand silt clay streaks 87. Water from 4 to 63.
"	"	July18,1967	2			1	"	T	6-67	Red sand 3;sand fine sand 51;fine sand grey clay streaks 69; silty grey clay silt streaks 78;fine sand silt 107;grey soft clay 116;grey sticky clay 128. Water from 3 to 51.
Wardsville,Village	J. Goemaere	W.Marsh & Sons	May 5,1967	5	½	150	70	Fresh	D	Sand 6;clay stones 115;hardpan 128;sand 133;stiff gravelly hardpan 150;top rock 170;soft grey shale 254; Water from 128 to 133, 138 to 143 and at 254.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Westminster Twp.										
Con BF lot 8	J.Norgaard	R. Hudson	May 21, 1965	36	5	12	4	Fresh	D	Sand blue clay 8; fine gravel 12; blue clay 15. Water at 8.
Con B " 50	J.Dunn	J. Johnston	July 25, 1964	5 1/2	5	160	120	"	D	Topsoil 2; red clay 11; sand 128; sandy blue clay 160; gravel sand 172; hardpan 209; gravel sand 212; grey shale 213. Water at 209.
Con I " 1	G. Anarotas	W. Dale	Nov. 13, 1964	5	4 1/2	84	34	"	D	Sandy clay 8; brown clay 23; grey clay gravel 58; blue clay 74; hardpan 92; grey clay 96; sand 99. Water from 96 to 99.
Con I " 1	W. Sthatham & R. Miller	R. Helkaa	May 1, 1965	5	3	50	32	"	D	Clay 27; gravel 29; sand 45; clay 62; sandy clay 95; gravel 92. Water at 95.
Con I " 1	W. Downes	K. McLeod	Nov. 16, 1965	5 1/2	3	90	45	"	D	Brown clay 10; blue clay 60; hardpan 85; blue clay 109; sand 110. Water at 110.
Con I " 1	M. Hubbert	W. Dale	Dec. 6, 1965	5	10	60	35	"	D	Brown clay 15; grey clay sand 62; grey clay cemented gravel 93; fine sand 95; coarse sand 97; grey clay 98. Water from 95 to 97.
Con I " 5	M. Vanderydt	Hadco Well Digging Ltd.	June 1, 1964	30	2	18	8	"	D, S	Topsoil 1; brown clay 6; brown sand 8; gravel 10; blue clay 20. Water at 8.
Con I " 5	B. Poley	K. McLeod	Sep. 23, 1964	4 1/2	6	35	20	Sulphur	D	Sand 30; sand gravel 85; hardpan stones 141; black rock 151. Water at 151.
Con I " 7	M. Kesk	W. Dale	Apr. 2, 1964	5	9	69	32	Fresh	D	Yellow sand 21; grey clay 36; grey clay gravel 48; muddy sand gravel 52; grey clay 56; grey clay gravel 70; gravel 95; fine sand 97; sand 103. Water from 98 to 101.
Con I " 7	W. Montague	R. Hudson	Nov. 4, 1966	36	1	18	4	"	D	Sand 14; blue clay 19. Water at 6.
Con I " 8	"	W. Dale	Aug. 17, 1966	5	7	66	10	Sulphur	N	Fill 5; brown sand 18; grey muddy sand 24; grey clay 46; grey clay gravel 98; muddy gravel 101; grey clay 112; grey shale 122. Water from 120 to 122.
Con I " 10	Walmsley Bros. Ltd.	Hadco Well Drlg.	Oct. 1, 1964	7						Clay 15; blue clay 30; sand 45; sand clay 123; shale gravel 140; sand 162; gravel 169; gravel sand 224; dark grey rock 227. Dry hole.
Con I " 10	"	"	Oct. 2, 1964	7	2	190	60	Sulphur	In	Clay 4; sandy 75; clay 90; sandy clay 167; gravel 183; dark rock 231. Water from 220 to 230.
Con I " 12	M. Freel	R. Smith	June 10, 1966	5	6	180	40	Fresh	D	Brown clay 84; dirty sand 84 1/2; clay sand 102; blue clay stone 165; clay sand 178; gravel clay 184; gravel clay 187. Water at 84 and from 184 to 187.
Con I " 42	R. Green	M. Johnson	July 8, 1966	5	3 1/2	188	156	"	D, S	Clay 70; sandy clay 146; fine gravel 148; fine sand 186; coarse sand 188; blue clay 230. Water from 186 to 188.
Con I " 44	R. Chandler	Hadco Waterwell Drlg. Ltd.	Sep. 4, 1964	4 1/2	10	185	170	"	D	Clay 17; blue clay 55; sand clay 70; rock gravel 100; gravel 150; clay 170; loose gravel 185; cemented gravel 190; sand 202. Water from 185 to 200.
Con I " 44	J. Kuikman	"	Nov. 4, 1964	5 1/2	5	155	155	"	D	Sand clay 147; sand gravel 185; gravel 190; rock 200. Water from 185 to 190.
Con I " 48	W. McNiece	R. Smith	Nov. 20, 1964	5	10	215	160	"	D, S	Stony brown clay 28; brown sand 165; gravelly brown clay 220; clay stones 229; coarse muddy sand 244; coarse sand 247. Water from 244 to 247.
Con II " 3	F. Jenkins	"	Sep. 22, 1966	5	10	75	60	"	D	Brown clay 19; blue clay 40; silty blue clay 105; stony clay streaks gravel 201; limestone 202; muddy gravel 209; stony clay 211; brown limestone 215; black shale 216. Water at 215.
Con II " 5	A. Litt	W. Dale	Feb. 9, 1966	5	11	28	21	"	D	Topsoil 2; brown clay 15; sandy grey clay 32; grey clay gravel 55; blue clay 117; muddy sand 125; grey clay 153; cemented gravel 209; shale 211; limestone 215. Water at 215.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

Westminster Twp.

Con II	lot 10	E. Madier	W. Dale	Aug. 22, 1966	4	9	32	29	Fresh	D, S	Well pit 3; brown clay 11; grey clay 37; soft yellow clay 47; muddy sand 58; coarse sand 63; sandy clay 65. Water from 59 to 63.
Con II	" 15	A. Beatie	R. Smith	Aug. 18, 1966							Brown clay 15; stony brown clay 22; blue clay 82; silty sand 138; sandy blue clay 145; silty sand 163; stony blue clay 223; stony blue clay 225. Dry hole.
Con II	" 15	"	"	Aug. 29, 1966	5	6	169	80	Fresh	D	Brown clay 25; silty brown sand 34; silty blue clay 97; silty sand 163; stony blue clay 169; gravel 171. Water at 169.
Con II	" 30	R. Hunt Windows	"	Nov. 13, 1966	5	10	50	40	"	In	Brown clay 22; blue clay 55; sandy blue clay 62; stony blue clay 83; muddy coarse sand 84; stony blue clay 96; muddy coarse sand 97; stony clay 156; coarse sand 160; stony clay 165. Water at 156.
Con II	" 31	Pattons Place	I. Lounsbury	Jan. 2, 1964	5	4	60	38	"	C	Gravel fill 3; hard yellow clay 12; blue clay 78; hardpan 89; gravel 91. Water from 89 to 91.
Con II	" 32	O. Dale	W. Dale	July 3, 1964	4	10	52	33	"	D, S	Topsoil 2; soft grey clay 31; muddy sand 52; fine sand 67. Water at 52.
Con II	" 32	R. Paie ment	I. Lounsbury	Mar. 4, 1965	5	8	36	15	"	D	Gravel fill 4; yellow clay 12; blue clay 28; grey sand 39. Water from 28 to 39.
Con II	" 32	T. Johnstone Co. Ltd.	"	Nov. 20, 1966	5	6	80	52	"	D, S	Overburden 12; clay 91; dirty sand 102; fine sand 106. Water from 102 to 106.
Con II	" 33	London Trailers Sales	R. Hudson	Sep. 22, 1965	36	16	35	28	"	C	Blue clay 28; fine sand 42. Water at 28.
Con II	" 33	J. Rigsby	I. Lounsbury	Sep. 5, 1967	5	3	38	23	"	P	Overburden 12; pit gravel 19; clay 31; fine sand 43. Water at 38.
Con II	" 35	Crich Holdings & Bldgs. Ltd.	"	June 10, 1967	5	3	190	70	"	In	Overburden 12; clay 108; hardpan 163; clay 193; sand gravel 197. Water at 193.
Con II	" 36	H. Kaak	R. Hudson	July 7, 1964	36	5	30	18	"	D, S	Brown sandy clay 18; sand 34. Water at 18.
Con II	" 36	N. Spivack Co. Ltd.	W. Dale	June 15, 1965	4	15	22	18	"	In	Fill 4; brown clay 16; sand 28; muddy sand 38; fine sand 48; sandy clay 54. Water from 38 to 48.
Con II	" 36	"	"	June 15, 1965	4	25	30	18	"	In	Fill 4; brown clay 16; sand 28; silty sand 38; fine sand 48; sandy clay 54. Water from 40 to 48.
Con II	" 36	"	"	June 22, 1967	4	30	17	7	"	In	Fill 4; sand clay 15; fine sand 40; grey clay 46. Water from 15 to 40.
Con II	" 37	Produce Supply & Service Co.	J. Weaver & Son	Sep. 28, 1964	2	7	7	32	"	C	Brown stony clay 12; blue stony clay 32; blue quicksand 39. Water at 32.
Con II	" 38	Hollandia Gardens Ltd.	W. Dale	Nov. 4, 1964	4	8	53	9	"	D	Topsoil 2; brown clay 15; sandy clay 17; grey clay 36; fine sand 51; grey clay 56. Water from 41 to 50.
Con II	" 48	P. Ultermark	Hadeo Well Drlg. & Digging Ltd.	May 17, 1967	30	6	37	26	"	D	Topsoil 4; brown sandy clay 18; blue clay 28; gravel 32; blue clay 39; gravel 40. Water at 28 and 39.
Con III	" 1	G. Manning	W. Dale	June 9, 1964	4	12	54	21	"	D	Topsoil 2; brown clay stones 25; muddy sand 63; fine sand 70; grey sandy clay 75. Water from 63 to 70.
Con III	" 1	C. Wright	R. Smith	Jan. 21, 1966	5	10	14	14	"	D	Brown clay 15; boulders 18; brown clay 28; sandy brown clay 60; fine brown sand 68. Water at 60.
Con III	" 5	W. Thompson	W. Dale	May 9, 1964	4	24	54	29	"	D, S	Brown clay 8; grey clay stones 45; muddy sand 52; grey clay 60. Water from 45 to 52.
Con III	" 7	R. Carrothers	R. Hudson	July 5, 1965	36	10	35	26	"	D, S	Brown sand 25; sand 41. Water at 26.
Con III	" 7	C. Knight	"	Dec. 8, 1965	36	5	35	25	"	D	Brown clay 12; fine sand 39; blue clay. Water at 25.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Westminster Twp. - cont.										
Con III lot 8	R.Keron	R.Hudson	Aug.23,1967	36	20	40	18	Fresh	D,S	Brown clay 10;blue clay 44;gravel 45. Water at 44.
Con III " 10	Laidlaw	W.Dale	June15,1967	4	11	39	25	"	D	Sandy loam 2;brown clay 10;grey clay 49;muddy sand 62;fine sand 71;sandy clay 74. Water from 66 to 70.
Con III " 12	Transport Treasure Island PropertiesLtd	I.Lounsbury	Feb.20,1965	7	30	134	50	"	P	Gravel fill 3;yellow clay 15;blue clay gravel 20;blue clay 50;grey sand 55;blue clay 128;hardpan 143;gravel 151. Water from 141 to 151.
Con III " 15	"	"	Jan.29,1965	7						Fill 2;blue clay 45;grey sand 55;blue clay 116;hardpan 153; gravel 154;hardpan 202. Dry hole.
Con III " 15	"	"	Feb. 7,1965	7	10	150	50	Fresh	N	Fill 2;blue clay 35;grey sand 53;blue clay 138;gravel 141; hardpan 148;gravel 158;hardpan 203;blue shale 210. Water from 148 to 158.
Con III " 20	Amway of Canada	D.Lougheed Co.	Aug. 6,1964	6	5	90	34½	"	C	Topsoil 1;clay 75;dirty sand gravel 77;clay 85;cemented gravel 106;clay gravel 133;fine sand 138. Water at 133.
Con III " 20	"	W.Dale	Sep. 6,1967	5						Brown clay 17;blue clay 40;soft blue clay 65;grey clay 78; grey clay streaks sand gravel 154;cemented gravel 176;grey limestone 180;clay gravel 194;black shale 200;black lime- stone 202. Water from 172 to 176.
Con III " 20	"	"	Sep.22,1967	5	10	64	45	Fresh	D	Brown clay 11;blue clay 32;blue clay sand 40;blue clay 58; muddy sand 64;clay gravel 73;clay gravel 94;fine silty sand 95;coarse sand 96;blue clay 97. Water from 95 to 96.
Con III " 21	G.Beatty	R.Smith	June28,1965	5	10	85	38	"	D	Stony brown clay 20;sandy blue clay 65;gravelly blue clay 90; muddy coarse sand 91;gravelly brown clay 118;coarse sand 119. Water at 118.
Con III " 23	Cardinal Sales of London	W.Dale	Jan.19,1966	5	1½	126	66	"	D	Brown clay 8;grey clay gravel 46;soft clay 53;grey clay 102; muddy gravel 105;cemented gravel 133;grey clay gravel 153; grey clay 183;packing sand gravel 187. Water from 183 to 187.
Con IV " 1	B.Morgan	R.Smith	Apr. 6,1964	2	8		18	"	D,S	Clay 30;brown fine sand 36;fine sand 42. Water from 36 to 42.
Con IV " 1	A.Greenwood	W.Dale	June12,1964	4	10	25	15	"	D	Topsoil 2;brown clay 20;muddy sand 42;fine sand 52. Water from 46 to 50.
Con IV " 1	D.Bright	"	Dec.17,1964	4	8	25	17	"	D	Topsoil 2;brown clay 11;grey clay 23;grey clay sand 42;fine sand 64. Water from 61 to 64.
Con IV " 7	W.Seagers	"	Sep. 2,1964	4	9	44	39	"	D	Brown clay 8;sandy clay 22;grey clay 56;fine sand 69;soft blue clay 110;solid blue clay 112. Water from 64 to 68.
Con IV " 8	A.Duncanson	"	Mar.26,1964	5	10	85	72	"	D	Brown clay 18;grey clay 69;muddy clay gravel 72;grey clay 130; blue clay 163;grey clay 259;cemented gravel 270;grey shale 277. Water from 276 to 277.
Con IV " 13	G.Blake	R.Hudson	Sep.16,1965	36	10	35	16	"	D	Blue clay 38;sand. Water at 38.
Con IV " 13	J.Achman	"	July12,1966	36	20	25	10	"	D	Brown clay 20;blue clay 38;sand 39. Water at 38.
Con IV " 14	T.Smets	"	Dec.22,1965	36	4	35	20	"	D	Sandy clay 10;blue clay 33;fine sand 35. Water at 33.
Con IV " 16	H.Boulton	"	Oct.19,1965	36	10	14	8	"	D	Brown clay 5;fine sand 18. Water at 8.
Con IV " 16	C.Johnston	"	May 31,1967	36	5	15	8	"	D,S	Sandy clay 10;fine sand 22. Water at 10.
Con IV " 17	Dr. F.Mader	W.Dale	Jan.10,1967	5	30	58	51	"	D,S	Brown clay 10;brown sand 27;grey clay 97;grey clay gravel 163;coarse sand 167;muddy gravel 168. Water from 163 to 167.
Con IV " 19	B.Stevens	R.Hudson	Oct.20,1965	36	10	45	42	"	D,S	Brown clay 20;blue clay 40;gravel 52. Water at 42.
Con IV " 19	R.Phibbs	W.Dale	Oct. 1,1966	5	9	80	62	"	D	Topsoil 2;grey clay gravel 22;sandy clay 38;grey clay 101; grey clay gravel 140;gravel 145;muddy gravel 146. Water from 141 to 144.
Con IV " 20	H.Brown	R.Smith	Dec. 8,1966	5	9	130	75	"	D,S	Sandy loam 8;brown clay 24;blue clay 52;stony blue clay 71; clay stone 75;gravelly brown clay 125;coarse sand 132. Water at 125.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
Westminster Twp. - cont.

Con V	lot 1	A. Smith	W. Dale	Oct. 17, 1966	4	6	80	54	Fresh	D	Brown clay 11; grey clay 31; grey clay gravel 71; fine sand streaks clay 84; grey clay 88. Water from 80 to 84.
Con V	" 2	W. Carrothers	"	June 8, 1964	4	2 1/2	57	29	"	D, S	Grey clay 45; grey clay sand 52; brown sand 55; grey clay sand 60. Water from 52 to 55.
Con V	" 2	H. Johnson	"	Dec. 1, 1965	5	10	125	76	"	D	Brown clay 18; grey clay 55; muddy sand 68; grey clay 105; quicksand 128; soft grey clay 160; muddy sand 184; blue clay 216; muddy sand 228; gravel 231; blue clay 232. Water from 228 to 231.
Con V	" 3	M. Wilcox	"	June 24, 1964	5	10	60	57	"	D, S	Grey clay 25; grey clay sand 26; grey clay 48; grey clay silty sand 56; blue clay 120; silty sand 125; blue clay 165; fine sand 174; coarse cemented gravel 194 1/2; clean sand 196. Water from 193 to 196.
Con V	" 3	C. Wilcox	"	Dec. 10, 1964	4	4 1/2	78	41	"	D, S	Brown clay 18; grey clay 42; grey clay sand 64; silty sand 76; fine sand 83. Water from 80 to 83.
Con V	" 14	Westminster Twp. School Area	"	May 29, 1965	7	15	150	116	"	P	Brown clay 26; grey clay 60; sandy clay 98; sand 102; sandy clay stones 170; cemented gravel 228; blue clay 240; fine sand streaks clay stones 250; fine sand 251; sand 252; red clay 253. Water from 251 to 252.
Con V	" 14	E. Boe	R. Smith	Mar. 17, 1967	5	10	210	120	Sulphur	N	Sandy brown clay 15; brown sand 72; silty gravel sand 150; sandy clay 170; blue clay 190; silty blue clay 266; coarse sand 267; brown limestone. Water at 266.
Con V	" 14	"	"	Mar. 28, 1967	4	10	60	38	Fresh	D	Sandy brown clay 15; silty brown sand 75; silty gravel sand 84; fine grey sand 85; silty grey sand 88. Water at 84.
Con V	" 15	Westminster Central School	W. Dale	Sep. 1, 1965	4	16	75	46	"	P	Brown clay 9; grey clay 18; sand 59; muddy sand 81; fine sand 105; muddy sand 140; grey clay 185; cemented gravel 207; brown clay 253; black shale 262; limestone 267. Water from 91 to 100. Dry hole.
Con V	" 16	B. Gough	R. Hudson	Sep. 17, 1965	36	2	16	11	Fresh	D	Brown clay 10; fine sand gravel 21. Water at 11.
Con V	" 16	R. Vecchio	"	May 4, 1967	36	1 1/2	19	9	"	D	Blue clay 12; sand 18; quicksand 25. Water at 16.
Con V	" 16	J. Rutter	"	Apr. 22, 1967	36	2 1/2	14	8	"	D	Brown clay 8; fine sand 20. Water at 8.
Con V	" 16	A. Roberts	"	June 13, 1967	36	3	18	8	"	D	Blue clay 8; sand 22. Water at 8.
Con V	" 16	N. Laidlaw	"	May 17, 1967	36	2 1/2	18	8	"	D	Blue clay 8; gravel 10; brown clay 16; fine quicksand 22. Water at 10.
Con V	" 16	J. Ellison	"	Nov. 2, 1967	36	2	20	10	"	D	Brown clay 12; fine sand 28. Water at 12.
Con V	" 16	A. Stark	"	Dec. 29, 1967	36	3	30	15	"	D	Brown clay 18; fine sand 31; blue clay 32. Water at 18.
Con V	" 16	G. Watcher	"	May 31, 1967	36	2 1/2	18	10	"	D	Brown clay 10; fine sand 22. Water at 10.
Con V	" 16	E. LaPorte	I. Lounsbury	July 4, 1967	5	8	80	56	"	D	Overburden 21; dirty sand 30; clay 138; pit gravel stone 169; gravel 173. Water at 169.
Con V	" 16	W. Amerson	W. Dale	Sep. 20, 1967	5	11	70	70	"	D	Brown clay 11; sand clay 24; blue clay 88; grey clay gravel 118; sandy clay 144; grey clay gravel 200; sand 201; clay gravel 214; gravel shale 215 1/2. Water from 200 to 201.
Con V	" 16	R. Webster	I. Lounsbury	Oct. 5, 1967	5 1/2	5	180	76	"	D	Topsoil 7; clay 66; blue clay 149; sand clay 212; light gravel 215. Water at 212.
Con V	" 17	E. Simpson	W. Dale	July 12, 1964	4	9	83	68	"	D	Previously drilled 170; muddy gravel 174; clay 180; gravel 182. Water from 180 to 182.
Con V	" 23	R. McDougal	"	July 29, 1964	5	3 1/2	147	69	"	D, S	Previously drilled 161; cemented gravel 199; clay gravel 205; hardpan 206; clay gravel 212; hardpan 214; sand gravel 217. Water from 216 to 217.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Westminster Twp. - cont. Con V lot 24	F.Ackworth	R.Smith	May 15, 1965	5½	10	110	100	Sulphur	D	Brown clay 20; blue clay 80; hard stony clay 230; rock 231. Water at 230½.
Con VI " 1	Bell Telephone Co.	W.Dale	Feb. 3, 1964	5	10	43	40	Fresh	D	Topsoil 3; soft grey clay 10; grey clay 29; sandy clay 34; grey clay 78; soft grey clay 159; gravel streaks fine sand 161. Water from 159 to 161.
Con VI " 12	S.Sweet	Hadco Well Digging Ltd.	Dec. 21, 1964	30	2	38	36	"	D	Brown clay 15; blue clay 35; silty sand 58. Water from 36 to 58.
Con VI " 17	J.VanDiepen	W.Dale	Nov. 14, 1967	5	12	75	75	"	D, S	Brown clay 20; grey clay 58; soft grey clay 125; clay sand gravel 150; clay gravel 168; gravel sand 175. Water from 171 to 174.
Con VII " 4	R.Taylor	R.Hudson	Dec. 10, 1965	44					N	Brown clay 20; blue clay 40; gravel 41; blue clay 48. Dry hole.
Con VII " 4	"	E.Mitchell	Oct. 22, 1966	5	8	70	60	Fresh	D, S	Clay 75; sand clay 125; sand 140. Water from 132 to 140.
Con VII " 6	D.Black	W.Dale	Apr. 18, 1966	5	12	38	32	"	D, S	Topsoil 2; brown clay 18; grey clay gravel 42; grey clay 64; blue clay 84; sandy clay 116; gravel 119; cemented gravel clay 128. Water from 116 to 119.
Con VII " 14	C.Kirk	R.Smith	Mar. 28, 1964	5	12	80	75	"	D, S	Brown clay 26; blue clay 60; streak sand clay 160; good sand 186. Water at 160.
Con VII " 15	R.Fisher	Hadco Well Digging Ltd.	Feb. 5, 1965	30	2	47	40	"	D	Topsoil 6; brown clay 12; blue clay 37; brown sand 42; blue clay 50. Water at 40.
Con VII " 16	R.Hudson	W.McBeth	June 22, 1965	5½	5	26	20	"	D	Blue clay 40; sand 45; hardpan 100; gravel 103. Water at 100.
Con VII " 19	H.Johnston	R.Smith	Jan. 30, 1964	5	10	137	135	"	D, S	Brown clay 21; blue clay 42; sandy clay 74; brown sand 81; gravel brown clay 165; brown sand 172; coarse grey sand 183. Water at 172.
Con VIII " 5	A.Willsie	W.Dale	Aug. 15, 1967	5	8	86	29	"	D	Brown clay 8; blue clay 40; blue clay gravel 70; soft blue clay 98; sandy clay 100; blue clay gravel 138; sand 143. Water from 138 to 143.
Con VIII " 9	C.Dale	"	Dec. 12, 1966	5	5	91	34	Fresh	D	Brown clay 14; blue clay 22; silty sand 24; blue clay 112; muddy gravel 120; silty brown sand 126; sand 128; silty sand streaks clay 131. Water from 126 to 128.
Con VIII " 16	H.Fisher	"	Jan. 20, 1964	5	10	95	83	"	D, S	Grey clay 56; gravelly clay 79; blue clay stone 95; clay gravel 110; sand gravel 139; clay sand 167; fine brown sand 170; sand gravel 184; sand 184. Water from 180 to 184.
Con VIII " 17	J.Palmer	R.Smith	Feb. 25, 1966	5	10	115	110	"	D	Brown clay 18; blue clay 42; sandy brown clay 58; stony brown clay 95; streaks clay sand 127; coarse sand 138. Water at 127.
Con VIII " 22	W.Smibert	W.Dale	July 7, 1967	5	3½	108	58	"	D, S	Brown clay 5; grey clay gravel 20; blue clay 64; grey clay 91; grey clay gravel 162; gravel 165; grey clay gravel 167. Water from 162 to 165.
Con IX " 15	H.Bale	Hadco Well Drlg. & Digging Ltd.	Nov. 11, 1964	5½	1½	75	65	"	D	Clay 24; sand 40; rock 42; gravel 85; sandy clay 211; gravel 213; soft rock 224; gravel 226; rock 230. Water from 224 to 230.
Gore " 1	F.Eagan	R.Hudson	Nov. 17, 1964							Gravel 4; blue clay 40; quicksand 42. Some water too slow. Dry hole.
Gore " 1	"	W.Dale	Jan. 11, 1965	5	2	128	64	"	D	Topsoil 2; gravelly clay 6; brown clay 14; grey clay 42; sandy clay 62; muddy sand 84; black clay 106; grey clay gravel 139; sharp gravel 142. Water from 139 to 142.
Gore " 18	G.Gowanlock	R.Hudson	July 11, 1964	36						Sand 7; blue clay 20. Dry hole.
NTR " 61	H.Studerus		Nov. 22, 1967	36	4	10	5	"	D	Silty brown clay 7; sand 8; blue clay 12½. Water at 7.
NTR " 64	L.White	Hadco Well Drlg. & Digging	July 7, 1967	30		25	6	"	D	Brown sandy clay 5; gravel 7; blue clay 25. Water at 7.
NTR " 70	J.Spragg	R.Hudson	Feb. 23, 1966	36	5	12	8	"	D	Sand 15. Water at 8.

\* See end of Appendix C for the meanings of abbreviations and symbols.

MIDDLESEX COUNTY - cont.  
Westminster Twp. - cont.

NTRF	lot 70	E. Corrigan	R. Hudson	Sep. 1, 1966	36	2	15	4	Fresh	D	Sand 7; blue clay 21. Water at 4.
NTRF	" 70	"	"	Sep. 2, 1966	36	5	10	6	"	D	Sand 13; blue clay. Water at 6.
NTRF	" 70	"	"	Sep. 3, 1966	36	4	10	8	"	D	Sand 15; blue clay. Water at 8.
NTRF	" 70	C. Dicarlo	"	Feb. 10, 1967	36	3	20	8	"	D	Sand 12; blue clay 22. Water at 8.
NTRF	" 70	E. Corrigan	"	Sep. 6, 1967	36	5	18	10	"	D	Sand 18; blue clay sand 21. Water at 10.
NTRF	" 70	"	"	Sep. 5, 1967	36	4	12	7	"	D	Sand 13. Water at 7.
NTRF	" 71	M. Bouwman	S. Earl	Aug. 16, 1965	4 1/2	15	75	75	"	N	Sand 6; clay 31; sand clay 62; hardpan 142; sand gravel 146. Water from 142 to 146.
NTRF	" 71	"	Hadco Well Digging Ltd.	Aug. 31, 1965	30	2		22	"	D	Topsoil 1; brown sand 4; grey sandy clay 32; grey sand gravel 36; grey clay 38. Water at 32.
NTRF	" 74	J. Westeinde	W. Dale	Apr. 13, 1967	5	30	84 1/2	5	"	D, S	Clay stones boulder 49; sand streaks clay 119; sand 124; silty sand 130. Water from 119 to 124.
NTRF	" 75	D. Flaherty	R. Smith	July 14, 1967	5	10	130	122	"	D	Brown clay 15; sandy brown clay 23; silty brown clay 56; coarse sand 65; sandy brown clay 132; silty grey sand 138; fine grey sand 155; coarse sand 159; fine sand 161; black clay 162. Water from 159 to 161.
NTRW	" 51	J. Weldon	W. Dale	July 27, 1967	5	5	128	42	"	D, S	Brown clay 20; gravel clay 36; gravelly clay 38; blue clay 92; grey clay gravel 128; grey clay 187; hardpan 195; grey clay 212; flat gravel 214; muddy gravel 215. Water from 212 to 214.
NTRW	" 55	J. Swindell	I. Lounsbury	Jan. 10, 1966	5				Sulphur	D	Topsoil 6; blue clay 161; sand 218; soft shale stones 227. Water at 227.
NTRW	" 55	"	"	Sep. 20, 1966	5	4	100	60	Fresh	D	Topsoil 6; blue clay 158; conglomerate 170; fine sand 172. Water at 172.
NTRW	" 36	R. Thomas	W. Dale	Apr. 20, 1967	5	9	87	79	Sulphur	D	Brown clay 9; blue clay 38; silty sand 40; blue clay small stones 97; grey clay small stones 201; clay streaks muddy sand 287; blue clay muddy sand 312; soapstone 320; gravel sand 321. Water from 320 to 321.
NTRW	" 65	B. Cannon	I. Lounsbury	Aug. 27, 1964	5	7	150	65	Fresh	D	Yellow clay 8; blue clay gravel 14; blue clay 195; hardpan 215; blue clay 239; gravel 245. Water from 239 to 245.
NTRW	" 66	J. Zimmerman	J. Weaver & Son	Aug. 29, 1961	1 1/2	8		18	"	D	Topsoil 1; brown stony clay 10; blue clay 16; brown clay 18; blue quicksand 21; blue clay 23; blue quicksand 28. Water at 18 and 23.
NTRW	" 67	T. MacDougall	R. Hudson	Oct. 18, 1964	36	1	35	32	"	D	Brown clay 12; blue clay 32; gravel 36; blue clay 41. Water at 32.
NTRW	" 67	T. Donovan	"	July 22, 1966	36	4	10	5	"	D	Sand 16; sandy blue clay 17. Water at 5.
NTRW	" 70	M. Zabehayle	Hadco Well Drlg. & Digging	June 1, 1965	27 1/2	2	51	42	"	D	Topsoil 1; brown clay 16; blue clay stones 42; gravel 48; blue clay 53. Water at 42.
NTRW	" 70	R. Annable	"	Sep. 25, 1965	30	1/2	55	47	"	D	Brown grey clay 45; boulders 48; grey clay 58; brown sand 60; sandy clay 67; blue sand 68; grey clay 70. Water from 55 to 60 and from 67 to 68.
NTRW	" 70	A. Hawkins	"	June 3, 1965	30	6	50	34	"	D	Topsoil 1; brown clay 12; blue clay stones 42; blue sand 50; blue clay 55; gravel 56. Water at 42 and 55.
NTRW	" 70	P. Miller	"	June 22, 1967	30	4	29	20	"	D	Topsoil 1; brown clay 12; blue clay 27; gravel 30; blue clay. Water at 27.
NTRW	" 71	W. Poole	"	Sep. 22, 1964	30	3	44	37	"	S	Topsoil 1; brown clay 8; brown sand 44. Water at 37.
NTRW	" 71	J. Semlitch	"	Aug. 30, 1965	30	2	30	43	"	D	Topsoil 1; brown sand 4; brown clay sand 11; grey clay 40; grey sand 50; brown sand 53; grey sand 57; grey clay sand 58. Water at 53.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Westminster Twp. - cont.										
NTRW lot 72	J.Chevalier	I.Lounsbury	July 27, 1964	5	7	130	98	Fresh	D	Brown sandy soil yellow clay 12; blue clay 45; gravel 50; blue clay 70; grey sand 107; blue clay 155; hardpan 168; gravel 169. Water from 168 to 169.
NTRW " 72	C.Versteegh	Hadco Well Digging Ltd.	May 25, 1964	27½	2	25	12	"	D	Topsoil 1; brown clay 3; gravel sand 14; brown clay sand 17; blue clay 28. Water at 28.
NTRW " 73	G.McKerls	"	Nov. 14, 1966	30	5	62	35	"	C	Topsoil 1; brown clay 11; blue clay 42; gravel 44; blue clay 60; blue sand 62. Water at 42 and 60.
NTRW " 75	W.Pack	W.Dale	Oct. 27, 1965	5	10	87	87	"	D,S	Topsoil 4; gravel 16; brown clay sand 26; blue clay 55; brown silty sand 60; blue clay 95; sand gravel 110; muddy sand 112. Water from 95 to 110.
NTRW " 76	G.Ross	R.Hudson	July 18, 1967	36	10	34	28	"	D	Blue clay 18; coarse gravel 28; fine gravel 36. Water at 20.
West Nissouri Con I lot 1	H.McDowell	J.Johnston	Apr. 15, 1964	4	5	26	28	Fresh	D	Topsoil 2; red clay 8; sand 13; blue stony clay 68; hardpan 96; gravel 104. Water at 96.
Con I " 1	D.Johnston	"	May 10, 1964	4	5	24	26	"	D	Topsoil 2; sand 5; red clay 11; blue stony clay 66; hardpan 94; gravel 102. Water at 94.
Con I " 1	Berg Equipment	M.Jones	Dec. 8, 1966	6	12	52	45	"	C	Blue clay 58; sandy clay 84; clay stones 98; fine sand clay stone 144; dark brown limestone 153. Water from 150 to 153.
Con I " 2	Somerville Industries	International Water Supply Ltd	June 4, 1965	8	90	48	28	"	In	Fill 2; silty clay 4; clay streaks sand gravel 14; clay gravel 34; sandy clay 57; cemented clay fine gravel 91; coarse sand fine gravel 93; fine gravel sand 103; fine silty sand. Water at 103.
Con I " 8	L.Ivanchenko	M.Jones	Feb. 16, 1966	5	12	55	45	"	D	Clay stones 61; gravel 65; clay stones 80; fine sand 90; coarse sand 93. Water from 90 to 93.
Con I " 8	M.Hewerdine	"	July 21, 1965	5	12	60	36	"	D	Open well 21; clay small stones 78; sandy clay stones 92; limestone 120. Water at 119.
Con I " 9	Upper Thames River Conservation Auth.	W.Dale	Feb. 24, 1967	7	15	62	36	"	D	Gravelly loam 4; coarse gravel 29; grey clay 46; fine brown sand silt 65; coarse brown sand 72; grey clay soft shale 73. Water from 65 to 72.
Con I " 16	H.Walker	R.Hudson	Dec. 5, 1964	36	1	20	10	"	D	Brown clay 15; quicksand 20; blue clay 24. Water at 15.
Con I " 16	G.Foster	M.Jones	Oct. 12, 1966	5	10	45	35	"	D,S	Clay 56; gravel 58; blue clay 60; sand 66. Water from 60 to 66.
Con I " 36	Giesen Bros.	W.Hopper & Sons	July 16, 1965	4	10	155	148	"	D,S	Yellow clay stones 16; blue clay stones 65; hardpan 107; brown rock 200. Water at 198.
Con II " 1	M.Hogan	M.Jones	Mar. 17, 1966	5	7	70	51	"	D	Sandy clay 28; fine sand 65; sandy clay stones 78; fine sand stones 110; coarse sand 113. Water at 113.
Con II " 1	T.Clewley	"	Mar. 26, 1966	5	20	55	40	Sulphur	D	Blue clay 45; soft yellow clay 125; coarse sand 133½; brown limestone 146. Water at 144.
Con II " 1	H.Thorup	"	Nov. 12, 1966	5	10	45	32	Fresh	D	Dug well 22; blue clay 58; coarse sand 60; blue clay stones 90; coarse sand 96. Water from 90 to 96.
Con II " 1	M.Hornbrook	"	May 24, 1967	5	20	32	24	"	D	Yellow clay 6; blue clay 40; sandy blue clay stones 127½; brown limestone 136½. Water at 136.
Con II " 2	G.Marsh	"	Jan. 13, 1965	5	6	60	30	"	D,S	Yellow clay 8; sandy clay 10; blue clay 28; sandy gravel 30; sand clay hardpan 103; coarse sand 106. Water at 103 to 106.

\* See end of Appendix C for the meanings of abbreviations and symbols.



MIDDLESEX COUNTY - cont.  
West Nissouri Twp. -cont.  
Con II lot 4. A.Armour

Con II	lot 4.	A.Armour	M.Jones	June 24, 1964	4	10	30	27	Fresh	D,S	Clay 18; gravel 22; clay streaks gravel 90; soft grey limestone 95; fine sand 97; soft grey limestone 100; fine sand 105; dark brown limestone 110. Water at 108.
Con II	" 9	H.Vanderghelynst	R.Hudson	Aug. 30, 1966							Brown clay 10; blue clay big stone 48. Dry hole.
Con II	" 9	J.DePrest	M.Jones	Mar. 13, 1967	5	20	20	10	Fresh	D	Sandy clay 55; fine sand 60; cemented sand 95; stones limestone 98; cemented sand 110; fine sand 116; coarse sand 120. Water at 120.
Con II	" 9	H.Vanderghelynst	"	June 10, 1967	5	8	40	10	"	D	Red clay 12; blue clay 32; gravel 34; sandy clay 95; coarse sand 96. Water from 95 to 96.
Con II	" 11	R.Murphy	"	Jan. 30, 1964	4	20	30	23	"	D,S	Dry well 23; clay 31; sand 43; clay 48; fine gravel 50; sandy clay 97; limestone 110. Water at 110.
Con II	" 15	R.Urquhart	"	Oct. 4, 1965	36	40	14	12	"	D	Gravel 15; clay. Water at 12.
Con II	" 26	L.Trudgeon	"	Nov. 19, 1965	5	30	45	30	"	D,S	Blue clay stones 42; gravel 46; clay stones 60; stones sand 61. Water at 60.
Con II	" 27	H.Hudson	"	Aug. 31, 1965	5	12	100	90	"	D,S	Clay stones 40; sandy clay 80; fine sand 96; blue clay 100; sand clay 163; dark brown limestone 171. Water from 170 to 171.
Con II	" 31	W.Hardie	"	Oct. 19, 1964	5	8	140	120	"	D,S	Clay stones 80; coarse gravel 85; blue clay 95; fine gravel 127; limestone 200. Water at 140.
Con III	" 1	J.Sholdice	R.Hudson	June 22, 1964	36	2	8	4	"	D	Sand 8; blue clay 18; gravel 20. Water at 4.
Con III	" 1	St. George's Sport Society	M.Jones	June 8, 1965	5	8	100	50	Sulphur	N	Clay 22; gravel 25; blue clay stones 122; limestone 125. Water at 125.
Con III	" 1	"	R.Hudson	Nov. 4, 1966	36	1/2	20	16	Fresh	P	Sandy clay 8; hard blue clay 20; sand 21; hard blue clay 24. Water at 20.
Con III	" 2	H.Clerk	M.Jones	Nov. 6, 1965	5	8	47	27	"	D,S	Fine sand 38; soft sandy clay 63; blue clay 68; soft sandy clay 92; fine sand 103; fine gravel 104. Water at 103.
Con III	" 5	F.Rawlings	I.Lounsbury	Feb. 16, 1964	5	4	18	11	"	D	Dug well 20; hardpan boulders 50; hardpan 100; grey limestone 118. Water from 110 to 118.
Con III	" 5	S.Kwistkowski	M.Jones	May 16, 1964	4	6	16	16	Sulphur	D	Clay stones 25; fine sand 30; sandy clay 70; clay hardpan 92; soft grey limestone 96. Water from 95 to 96.
Con III	" 5	N.McCallum	"	Nov. 23, 1967	5	6	48	16	Fresh	D	Topsoil 1; grey clay 90; coarse sand 101; brown limestone 129. Water from 127 to 129.
Con III	" 12	P.Ware	"	Jan. 22, 1964	5			Flows	"	D,S	Dug well 12; coarse gravel 15; clay 20; clay stones 55; sand 60; fine shooting sand 70; coarse sand 86; gravel 91. Water at 90.
Con III	" 15	V.Rogers	"	Dec. 8, 1966	5	4	80	22	"	D	Yellow clay 8; blue clay stones 65; sandy gravel stones 79; light brown limestone 107. Water from 82 to 107.
Con III	" 16	G.Hatherell	"	Feb. 17, 1964	4	6 1/2	100	6	"	D	Dug well 17; stone 20; clay stones 64; limestone 120. Water from 60 to 65 and at 96 and 119.
Con III	" 16	O.Petterson	"	Nov. 19, 1965	5	15	28	16	Sulphur	S	Clay 30; stony clay 40; coarse sandy clay 57; clay 73; limestone 80. Water from 79 to 80.
Con III	" 18	W.Waugh	"	Sep. 30, 1965	5	8	58	30	Fresh	D	Sandy clay stones 59; fine sand stones 86; limestone 97. Water at 97.
Con III	" 18	W.Schiffer	"	Oct. 3, 1966	5	15	25	25	"	D	Sandy clay loam 8; blue clay 82; coarse sand 83. Water from 82 to 83.
Con III	" 19	M.Dufton	"	Jan. 21, 1964	4	20	40	40	"	S	Blue clay 30; sandy clay 54; blue clay 80; fine sand 90; limestone 93; blue clay 121; limestone 123; fine sand 124; limestone 135. Water at 134.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
West Missouri Twp. - cont.										
Con III lot 20	R. Benati	M. Jones	June 25, 1965	4	12	100	40	Fresh	D, S	Clay stones 22; fine gravel 37; fine sand clay streaks 126; limestone 140. Water at 139.
Con III " 21	H. McCutcheon	"	Feb. 3, 1964	5	8	60	25	"	D, S	Clay 15; sand gravel 25; clay 35; gravel 38; clay 112; sand gravel 130; limestone 139. Water at 138.
Con III " 21	T. McCutcheon	"	Mar. 10, 1965	4	10	100	39	Sulphur	D, S	Yellow clay 8; gravel 12; blue clay 57; gravel 63; hard clay 84; gravel 89; gravel hardpan 126; coarse sand 136; light brown limestone 141; darker brown limestone 180. Water at 141 and 180.
Con III " 23	G. Blight	Steinman & Baird	Apr. 6, 1964	5	10	65	52	Fresh	D, S	Brown sandy clay 8; gravelly grey clay 18; gravelly grey hardpan 56; gravelly grey clay 80; gravelly grey hardpan 95; gravelly hardpan 104; grey gravelly hardpan 130; gravelly hardpan 139; brown grey limestone 150. Water at 145 and 150.
Con III " 23	H. Turner	R. Hudson	June 23, 1964	36	3	16	4	"	D, S	Hard brown clay 18. Water at 4.
Con III " 28	L. Pearson	M. Jones	Sep. 28, 1965	5	8	20	80	"	D, S	Clay stones 40; sandy clay 130; stony blue clay 137; fine sand 148; coarse sand 152. Water at 152.
Con III " 33	H. Lindsay	"	Jan. 4, 1964	4	8	110	78	"	D, S	Clay 4; sand 8; sandy clay 50; shooting sand 60; clay hardpan 120; limestone 146. Water at 144.
Con IV " 1	P. Socan	K. McLeod & Sons	Nov. 2, 1967	4 1/2	40	20	2	"	D	Sand 18; blue clay 30; hardpan 70; gravel 79; gravelly hardpan 88; rock 89. Water at 89.
Con IV " 3	F. Nicholls	W. Dale	Sep. 27, 1967	5	10	11	9	"	D	Topsoil 3; brown clay 15; fine sand clay 26; gravel 40; dirty gravel 41. Water from 26 to 40.
Con IV " 9	G. Johnson	H. Siegrist	Jan. 4, 1964	5 1/2	5	27	25	"	D, S	Topsoil 2; brown clay 12; stones brown clay 42; gravel clay 45; blue clay 75; clay gravel stones 90; grey limestone 93. Water at 93.
Con IV " 10	H. Jones	"	Feb. 19, 1964	4	5	60	16	"	D, S	Topsoil 2; stony clay 20; sand stones 50; clay 60; gravel hardpan 95; sand stones 100; rock 102. Water at 102.
Con IV " 16	West Missouri Twp.	M. Jones	Sep. 22, 1965	5	15	60	49	"	P	Stones clay 80; fine sand 100; broken limestone 105; brown limestone 110. Water at 106.
Con IV " 19	M. Jones	"	Feb. 20, 1965	5	20	40	22	"	D	Hard blue clay stones 36; sandy clay gravel 42; blue clay 53; clay gravel hardpan 96; fine sand 112; light brown limestone 131. Water at 130.
Con IV " 20	D. Sawyer	"	Aug. 26, 1967	5	20	50	34	"	D	Blue clay 18; sandy clay stones 110; blue clay stones 123; brown limestone 161. Water at 160.
Con IV " 25	Plover Mills Central School	M. Jones	Feb. 13, 1965	5	12	180	40	"	P	Yellow clay 6; blue clay 14; fine sand 16; blue clay stones 90; coarse sandy gravel 100; clay fine sand 145; blue clay 169; fine sand 170; dark brown limestone 190. Water from 171 to 190.
Con IV " 25	J. Hobbs	"	Jan. 10, 1967	5	7	200	40	"	D	Sandy clay 59; fine gravel sand 61; blue clay 70; sandy clay 125; sand clay 167; light brown limestone 228. Water from 225 to 228.
Con IV " 31	E. Oliver	"	July 28, 1965	5	10	80	78	"	D, S	Dug well 25; clay stones 112; sandy clay 119. Water at 119.
Con V " 3	N. Paw	"	Mar. 27, 1964	4	8	35	25	"	D, S	Sand 20; clay stones 46; blue clay 54; fine gravel 70; clay 81; fine gravel 91; blue clay 101; fine gravel 112; grey limestone 119. Water at 117.
Con V " 4	W. Woods	R. Hudson	Nov. 21, 1964	36	10	20	16	"	D, S	Gravel 20; blue clay 24. Water at 16.
Con V " 5	F. Ronsick	M. Jones	Nov. 1, 1967	4	6	45	10	"	D	Dug well 23; blue clay 64; gravel 65; grey sandy clay 91; black coarse sand 95. Water at 91.
Con V " 8	J. Hill	"	July 8, 1967	5	20	60	17	"	D, S	Previously drilled 94; limestone sand 97; brown limestone 109. Water at 109.
Con V " 12	B. McDonald	R. Hudson	Nov. 16, 1967	36	10	18	12	"	D	Brown clay 12; gravel 16; blue clay 22. Water at 12.

\* See end of Appendix C for the meanings of abbreviations and symbols.

## MIDDLESEX COUNTY - cont.

West Missouri Twp. - cont.

Con V	lot 13	D.Smith	M.Johnston	Nov.27,1965	5	20	45	37	Fresh	D,S	Loam 5;quicksand 16;sandy clay 98;brown limestone 100. Water from 99 to 100.
Con V	" 27	J.Pickel	R.Hudson	Jan.21,1964	36			10	"	N	Topsoil 2;brown clay 10;quicksand 16. Water at 10.
Con V	" 27	A.Hoves	Hopper Well Drlg.	May 2,1965	5	8	118	104	"	D,S	Yellow clay 16;sand 24;clay stones 95;hardpan 160;brown limestone 215. Water from 190 to 215.
Con V	" 28	T.Wiseman	R.Hudson	June 1,1967	36	10	15	7	"	D,S	Brown clay 8;sandy clay 20. Water at 8.
Con VI	" 1	C.Payne	"	Aug.26,1965	36	6	15	11	"	D,S	Gravel 13;blue clay stones 18. Water at 11.
Con VI	" 2	G.VanGeel	M.Jones	Mar.20,1967	5	23	55	40	"	S	Clay stones 45;fine shooting sand 84;sandy clay 123;limestone coarse sand 125. Water from 124 to 125.
Con VI	" 2	J.Ball	"	Mar.24,1967	5	8	50	10	"	D	Sandy clay 6;fine gravel 24;sandy clay 58;fine gravel 59;clay sand 74;coarse sand 76. Water from 74 to 76.
Con VI	" 3	W.Semeniuk	Hadco Well Drlg.	July24,1964	5 1/2	15	50	22	"	D	Boulders clay 20;clay 32;rock 35;clay 45;clay rock 62;clay 77; dark rock 97. Water from 85 to 97.
Con VI	" 4	D.Neucombe	"	July29,1964	4 1/2	1		40	"		Clay boulders 25;clay rock 55;sand 60;dark rock 70. Water at 60.
Con VI	" 4	W.Donnelly	M.Jones	May 19,1967	5	8	23	20	"	D,S	Blue clay 28;fine gravel 29;clay hardpan 60;fine shooting sand clay hardpan 80;fine gravel 82. Water from 80 to 82.
Con VI	" 6	L.Mitchell	"	Dec. 9,1964	5	10	10	Flows	"	D	Sand 8;blue clay 30;coarse sand 45. Water at 30.
Con VI	" 9	P.Verbeem	Hadco Drlg. Co.	July27,1964	5 1/2	15	50	22	"	D	Clay boulders 35;sandy clay layers rocks 70;dark rock 80. Water from 70 to 80.
Con VI	" 10	R.Murrell	W.Dale	Mar. 6,1964	5	4	80	35	"	D,S	Grey clay 6;brown sand 23;grey clay 56;clay gravel 59;gravel 74;clay gravel 96;limestone 111. Water at 111.
Con VI	" 10	J.McWay	R.Hudson	Feb.26,1966	36	1	10	3	"	D	Topsoil 1;fine quicksand 12. Water at 3.
Con VI	" 19	M.Beavers	M.Jones	Nov.26,1966	5	12	62	58	"	D,S	Sandy clay 22;fine shooting sand 72;sandy clay 110;coarse sand clay 136;brown limestone 144. Water from 143 to 144.
Con VI	" 23	D.Patterson	"	July21,1966	5	17	46	30	"	D,S	Dug well 26;blue clay 38;coarse sand 42;clay 140;fine sand 146; coarse sand 149;broken limestone 150. Water from 148 to 150.
Con VI	" 24	N.Elliott	"	Apr.27,1964	5	20	50	30	"	D,S	Clay loam stones 10;clay loam 60;clay hardpan 74;sandy clay 106;quicksand 113;sandy clay 148;quicksand 162;soft limestone 165;hard rock 172. Water at 170.
Con VI	" 24	S.Elgie	"	June28,1965	4	8	140	50	"	D	Hard blue clay 23;soft sandy clay 55;coarse sand 64;sandy clay 109;clay sand streaks 141;fine sand clay streaks 162;dark brown limestone 190. Water at 188.
Con VI	" 25	I.Pacey	"	Aug. 4,1965	5	6	60	27	"	D,S	Sandy clay stones 72;sandy clay gravel 100. Water from 75 to 100.
Con VI	" 30	K.Hutton	"	July 2,1964	4	20	150	100	"	D	Clay stones 60;sand 62;clay hardpan stones 143;sand fine gravel 145;limestone 158;fine sand 160;dark brown limestone 173. Water at 148, Sulphur, and fresh water 170.
Con VI	" 30	Blanchard & W.Missouri Cheese Factory	"	May29, 1965	6	25	110	90	"	C	Clay stones 110;sandy gravel 114;limestone 186. Water at 185.
Con VI	" 36	J.Kew	R.Hudson	Oct.14,1967	36	1 1/2	25	2	"	D,S	Silty brown clay 10;blue clay stones 26. Water at 8.
Con VI	" 36	"	"	Oct.16,1967	36	2	20	2	"	D,S	Silty brown clay 10;blue clay stones 21. Water at 8.
Con VII	" 3	J.Pinter	Hadco Well Digging Ltd.	Oct. 5,1965	5 1/2	15	60	10	"	D	Clay boulders 25;boulders sand 30;clay 44;boulders 50;clay 55;boulders 58;brown rock 68;broken rock 95. Water from 68 to 95.
Con VII	" 6	S.Petersen	R.Hudson	Nov.19,1964	16	1	12	6	"	D	Sand 12;hardpan rocks 16. Water at 6.
Con VII	" 21	H.Schmidt	M.Jones	Feb.26,1966	5	15	20	11	"	D	Yellow clay 8;sandy clay stones 25;blue clay 49;coarse sand 50. Water at 50.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.											
West Williams Twp.											
BF	lot 26	J. Wall	R. Hudson	Nov. 16, 1966	36						
Con VII	" 10	F. Moore	R. Smith	Oct. 13, 1967	5 1/2						Brown clay 12; blue clay 30. Dry hole. Dug well 25; blue clay 128; streaks sand clay 132; blue clay 160. Dry hole.
Con VII	" 10	"	"	Oct. 14, 1967	5 1/2	12	64	54	Fresh	D, S	Blue clay 120; sand gravel 126. Water from 120 to 126.
Con VII	" 12	D. Campbell	A. Heal	May 18, 1965	4	4	95	48	"	D, S	Dug hole 40; clay 88; sand 100. Water from 95 to 100.
Con VII	" 13	G. Arrand	R. Hudson	Oct. 6, 1966	36	15	14	11	"	D, S	Brown clay 6; gravel 15; blue clay. Water at 11.
Con VII	" 19	J. Veens	"	Oct. 7, 1966	36	1	20	11	"	D, S	Sand 12; gravel 13; blue clay 22. Water at 12.
Con VII	" 23	A. MacCharles	A. Heal	Feb. 6, 1965	4	5	40	30	"	D, S	Yellow sand clay topsoil 20; sand blue clay 40; fine sand 55; Water from 40 to 55.
Con I	" 19	B. Nutt	"	Nov. 12, 1966							Yellow topsoil 15; blue clay 88; gritty clay 90; clay 110; clay sand streaks 127; clay 135. Dry hole.
Con IX	" 19	"	"	Nov. 17, 1966							Yellow topsoil 15; blue clay 50; sandy clay 85; clay 110; clay sand streaks 125; soapstone 140. Dry hole.
Con X	" 16	"	"	Nov. 25, 1964	5						Yellow topsoil 15; blue clay 29; gravel 31; sand 61; sandy clay 135; boulders 136; clay 169; boulders 171; clay 234; sandy clay 237; dark rock 256; soapstone 300; limestone 312. Dry hole.
Con X	" 16	"	"	Dec. 10, 1964	4						Yellow topsoil 15; blue clay 25; gravel 29; muddy sand 53; clay sand streaks 115; clay 162. Dry hole.
Con XV	" 5	Gibbs Bros.	"	Oct. 10, 1967	5	5	103	65	Sulphur	S	Topsoil yellow clay 12; blue clay 176; loose limestone gritty clay 177; brown limestone 178 1/2. Water from 176 to 178 1/2.
Con XV	" 9	T. Hendriks	R. Hudson	July 26, 1965	36	2	40	2	Fresh	D, S	Brown clay 20; blue clay 38; fine sand 42. Water at 38.
Con XV	" 16	C. Sadler	A. Heal	Jan. 11, 1967	4	3	140	61	Sulphur	S	Topsoil sandy clay 16; blue clay sand streaks 167; brown limestone 179. Water at 171.
Con XVI	" 6	A. Bax	R. Smith	Aug. 11, 1967	5	12	145	115	"	D, S	Black loam 3; brown clay 15; blue clay 26; gravelly blue clay 31; blue clay 158; sticky blue clay 172; rock 183. Water from 175 to 183.
Con XVI	" 13	F. Vandevloet	A. Heal	Oct. 19, 1965	5	5	94	83	"	D, S	Topsoil yellow clay 17; blue clay 179; limestone 182. Water at 181.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
NORFOLK COUNTY Charlottesville Twp. Con A lot 6	W.Storechuck	S.Linton	May 24,1967	1 1/2			15	Fresh	D	Sand 6;blue clay 18;very fine sand clay 67. Water from 18 to 67.
Con A " 6	"	"	AUG. 9,1967	2				"	T	Sand 6;blue clay 19;very fine sand 67. Dry hole.
Con A " 7	L. Haegen	"	Mar.30,1967	36	2		13	"	D	Fine sand 24. Water at 13.
Con A " 8	P.Bahula	R.McKenzie	June20,1967	4	9	18	26	"	D,S	Topsoil 1;yellow sand 7;clay 29;grey sand 31;brown sand 49. Water at 31.
Con A " 16	G.Guller	"	Aug.14,1964	1 1/2	3		23	"	D	Open hole 3;brown sand 16;sandy clay 23;brown fine sand 31. Water at 23.
Con A " 2	P.Krouse	T.VanKessel	Sep.21,1964	1 1/2	12		4	"	D	Grey sand 17. Water at 4.
Con A " 4	P.Sinka	R.McKenzie	Oct.18,1965	4				"	M	Back fill 4 1/2;yellow sand 8;brown sand 10;grey clay 40. Water at 8.
Con A " 13	J.Poronoski	T.VanKessel	Oct.20,1964	1 1/2	20		4	"	D	Grey sand 16. Water at 4.
Con A " 17	P.Berhard	R.McKenzie	Nov.24,1964	2	4		21	"	D	Dug out 3;brown sand 9;grey sand 14;grey clay 17;very fine grey sand 21;fine grey sand 32. Water at 14 and 21.
Con I " 6	C.Reeves	"	Aug.30,1965	2	3		29	"	D	Topsoil 2;yellow sand 5;clay stones 16;grey sticky sand 22; grey clay 25;grey clay sand 32;very fine grey sand 42. Water at 32.
Con I " 10	S.Horvath	R.Hodgson	Mar.24,1964	5	9	25	28	"	D,S	Topsoil 2;yellow sand 12;clay sand 19;sand 31;grey coarse sand 40. Water at 31.
Con I " 14	Ont.Dept. of Lands &Forests	C.Goodberry Well Drlg. Ltd.	Mar.20,1964	6				"		Sand 44;silt sand 48;silt sand 65;silt clay streaks 85;clay 108;hard grey clay sand gravel 150;hard packed silt 165. Dry hole.
Con I " 17	W.Adams	E.Stewart&Son	Sep.16,1967	5	50		2	gas	D,S	Yellow loam sand dug well 16;blue hard clay 177;hard grey limestone 181;brown limestone 191. Water at 190.
Con I " 17	L.MacDonald	S.Linton	Nov.25,1967	1 1/2	2		24	Fresh	D	Very fine sand 35. Water at 24.
Con I " 21	H.Lawrence	R.Hodgson	Nov.27,1964	4	5	53	48	"	D,S	Dug well 21;clay sand 50;white sand 58;fine brown sand 68. Water at 58.
Con II " 1	B.Morris	S.Linton	Jan.12,1967	1 1/2	35		3	"	D	Fine sand 11;clay 30;medium sand 36. Water at 3.
Con II " 6	J.Borbely	J.Weaver & Son	Mar.19,1964	1 1/2	8		8	"	D,S	Open pit 5;yellow sand 8;white quicksand 30. Water at 8.
Con II " 6	J.Wiebe	R.Hodgson	Nov.18,1965	4	5	31	21	"	D,S	Dug 27;putty sand 32;fine gypsum sand 36;medium coarse sand 43. Water from 36 to 43.
Con II " 9	A.Pleli	E.Mitchell	Dec.20,1967	5	8	40	25	"	D,S	Clay sand 20;clay 65;sand 85. Water at 80.
Con II " 20	T.Lasanowski	R.Hodgson	Jan. 3,1966	4	5	58	54	"	D	Sand 8;clay sand 25;clay 50;clay sand 56;grey sand 66. Water from 56 to 66.
Con II " 20	S.Kozak	R.McKenzie	Nov. 6,1966	4	6	65	56	"	D	Open hole 9;quicksand 12;grey clay 47;coarse sand 73. Water at 9 and 56.
Con II " 21	N.Lasanowski	E.Mitchell	Dec.15,1967	5	15	55	48	"	D,S	Sand clay 55;sand 75. Water from 68 to 72.
Con II " 21	"	"	May 1, 1967	8 1/2	250	70	43	"	Ir	Sand clay 62;sand 82. Water from 62 to 82.
Con II " 22	M.VanBelle	R.McKenzie	Nov. 4,1966	4	6	61	50	"	D	Topsoil 1 1/2;yellow sand 3;grey clay 51;coarse sand 69. Water at 51.
Con II " 23	J.VanDamme	W.Burwell	Apr.23,1966	5				"		Red clay 38;fine sand 70;blue clay 90;putty sand 115;sandy blue clay 125. Dry hole.
Con III " 2	F.Kaiser	H.Johnson	Apr. 3,1967	36	6		4	Fresh	D	Sandy clay loam 3;hardpen 7;medium fine sand coarse sand 21. Water at 7.
Con III " 5	J.Slegers	"	Mar.29,1967	36	4		2	"	D	Fine medium sand 17. Water at 4.

## NORFOLK COUNTY -cont.

Charlotteville Twp.-cont.

Con III	lot 7	D.Kerry	R.McKenzie	Nov. 8, 1967	2	2		7	Fresh	D	Topsoil 1; brown sand 3; grey clay 6; grey sand 12; clay 23; grey sand 42; grey clay 50; fine sand 63. Water from 60 to 63.
Con III	" 12	P. Cherwatty	R. Hodgson	Nov. 21, 1964	4	6	35	33	"	C	Fill 3; yellow sand 20; grey clay sand 50; putty sand 55; brown sand 63. Water at 55.
Con III	" 13	J. Casleton	R. McKenzie	Sep. 3, 1964	4	6	48	42	"	D	Topsoil 1; yellow sand 7; grey clay 37; quicksand 40; grey clay 46; grey sand clay 49; brown medium sand 61. Water at 37 and 49.
Con III	" 14	Jacobs Farms Ltd.	E. Hoover & Son	Mar. 28, 1967	5	12	50	45	"	D	Red sand 62; grey sand 70. Water at 62.
Con III	" 14	"	"	Mar. 21, 1967	10	300	240	80	Sulphur	Ir	Red sand 50; grey sand 65; red sand 80; grey clay 100; grey sand 145; grey clay 185; grey putty sand 190; blue clay 238; brown limestone 275; grey limestone 303. Water at 253.
Con III	" 14	"	"	July 20, 1966	8	145	85	40	"	Ir	Topsoil 2; brown sand 65; sand 85; clay 120; pasty sand 122; clay 150; sand 165; clay 180; putty sand 183; clay 231; clay limestone 305. Water at 237, 277 and 284.
Con III	" 14	R. McKenzie	R. McKenzie	June 29, 1967	4	15	20	41	Fresh	D	Topsoil 2; yellow sand 6; clay 21; brown sand 47; grey sand 68. Water at 41.
Con III	" 14	F. Panetta	E. Stewart	Aug. 3, 1967	5	1 1/2	65	80	"	N	Yellow loam 12; sandy blue loam mixture 60; sand 65; fine putty sand 90; quicksand 175; blue clay 235; medium hard brownish limestone 240. Water at 65 and 240.
Con III	" 14	"	"	Aug. 15, 1967	4	12	57	42	"	D, S	Yellow loam 5; blue hard clay 32; fine sand silt 50; sand 66; blue clay 70. Water from 50 to 66.
Con III	" 14	L. Antonessen	R. McKenzie	June 24, 1967	4	9	19	43	"	D	Fill 5; yellow sand 9; clay 37; brown sand 49; grey medium clay 75. Water at 49.
Con III	" 15	G. Kerry	Hadco Well Drlg. & Digging Ltd.	July 14, 1967	5	10	70	50	"	D, S	Topsoil 2; brown sandy clay 70; blue coarse sand 85. Water at 75.
Con III	" 15	"	"	May 20, 1967	5	18	70	50	"	N	Topsoil 2; brown sandy clay 35; blue clay stones 70; blue coarse sand 85; grey clay 135. Water at 75.
Con III	" 15	"	"	May 19, 1967	5 1/2				"		Topsoil 2; brown sandy clay 35; blue clay stones 70; blue coarse sand 85; brown clay 87; gravel sand silt 110; clay. Dry hole.
Con III	" 17	D. DeCoutre	E. Stewart & Son	Apr. 28, 1967	5	30	20	18	"	Ir	Yellow sandy loam 6; medium coarse sand 40. Water from 6 to 40.
Con III	" 20	H. Thompson	R. McKenzie	Dec. 31, 1964	4	4	70	40	"	D	Topsoil 2; brown sand 42; brown clay 45; brown sand 49; clay 52; fine grey sand 56; clay 61; grey fine sand 65; clay 70; grey fine sand 72; clay 74; grey fine sand 80. Water at 45, 52, 65 and 80.
Con III	" 20	L. Harris	"	Oct. 15, 1965	4	4	48	34	"	D	Well pit 5; medium sand 24; grey clay 29; fine grey sand 40; grey clay 46; medium brown sand 56. Water at 46.
Con III	" 20	K. Smith	R. Hodgson	June 6, 1966	4	5	40	33	"	D	Grey sand 16; clay 35; clay sand 50; brown sand 57. Water from 50 to 57.
Con III	" 20	V. Oatman	S. Linton	June 22, 1966	1 1/2	8		30	"	D	Open well 22; sand 30; boulders 32; fine sand 49; coarse sand fine gravel 55; blue clay. Water at 30.
Con III	" 21	G. Donnell	E. Mitchell	Dec. 12, 1967	4	2	44	8	"	D	Clay sand 12; clay 35; sand 46. Water at 39 and 45.
Con III	" 21	C. Stanley	"	Dec. 21, 1967	5	10	60	48	"	D, S	Sand 11; clay 23; clay 50; sand 81. Water from 8 to 11 and from 68 to 81.
Con III	" 21	G. Donnell	S. Linton	July 15, 1967	1 1/2	2		3	"	N	Sand 3; blue clay 36; very fine sand 87. Water at 36.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
NORFOLK COUNTY -cont. Charlotteville Twp.-cont. Con III lot 22	R.Coble	R.Hodgson	Nov.30,1965	4	5	30	33	Fresh	D	Sand 6;sand gravel 25;clay sand 35;brown sand 46. Water from 35 to 46.
Con III " 22	J.Mellville	R.McKenzie	July 7,1967	4	5		18	"	D	Coarse sand 28. Water at 18.
Con III " 22	"	"	July 20,1967	4				"	N	Topsoil 2;clay 9;putty sand 66.
Con III " 23	F.Steers	"	Jan.27,1967	4	6	63	54	"	D	Open hole 31;medium brown sand 74;grey clay. Water at 54.
Con IV " 12	J.Glecarlis	H.Johnson	July 29,1966	36	3	27	23	"	D	Black loam 1;fine brown sand 34. Water at 23.
Con IV " 13	A.Chevak	T.VanKessel	Nov.16,1964	2	10		33	"	D	Very fine sand 34;very fine sand clay 35;fine sand 42. Water at 33.
Con IV " 14	T.Atkinson	E.Stewart	Nov.21,1966	5	8	225	80	"	N	Sandy loam 50;sand 55;quicksand 125;blue clay 135;sand 136; blue hard clay 232;brown hard limestone 245. Water at 237.
Con IV " 14	L.Atkinson	E.Hoover & Son	May 26,1967	5	5	62	48	"	D	Topsoil 1;red sand 60;brown sand 64. Water at 60.
Con IV " 15	B.Hazelmeyer	"	May 10,1967	10	250	225	70	Sulphur	Ir	Topsoil 2;red sand 60;sand 135;clay 235;brown limestone 250. Water at 240 and 250.
Con IV " 15	Norfolk Farms	R. Hodgson	Nov.25,1964	5	9	61	51	Fresh	D,S	Dug well 7;fill 50;clay sand 64;brown medium sand 72. Water at 64.
Con IV " 15	B.Hazelmeyer	E. Hoover & Son	Apr. 3,1967	5	10	48	45	"	D	Topsoil 2;red sand 59;grey sand 63. Water at 59.
Con IV " 18	B. Smith	R. Hodgson	June 30,1964	5	6	60	57	"	D,S	Topsoil 2;yellow sand 12;clay sand 28;sand 64;brown sand 73. Water from 64 to 73.
Con IV " 20	V. Smith	E. Mitchell	Dec.16,1965	5	5	38	38	"	D	Fine sand clay 45;fine sand 65. Water from 45 to 65.
Con IV " 20	Norfolk Poultry Farm	S. Linton	May 29,1966	1 1/2	17	12	12	"	D,S	Open well 16;fine gravel 28;sand clay 29. Water at 12.
Con IV " 20	Vittoria Foultry Farm	R. McKenzie	Dec.11,1967	4	6	17	30	"	S	Open well 19;brown sand 23;gravel brown sand 26;fine sand 47;grey clay 55;fine sand 63;grey clay 72. Water at 19.
Con IV " 21	L. Vajda	"	Nov.20,1966	2	6			Flows	D	Open hole 22;grey clay 35;fine grey sand 47. Water at 1 and 35.
Con IV " 24	J. Moore	"	Mar.28,1964	2	7		22	"	In	Open 11;brown sand 16;grey muddy sand 24;grey sand 35. Water at 24.
Con V " 3	W. Bell Jr.	R. Hodgson	June 19,1965	1 1/2	9		11	"	D,S	Dug well 3;grey sand 14;grey sand 20. Water from 14 to 20.
Con V " 12	J.DeCarolus	"	Mar.20,1964	1 1/2	2 1/2		17	"	D,S	Fill 4;brown sand 19;fine brown sand 25. Water from 19 to 25.
Con V " 12	"	H. Johnson	Dec. 8,1965	36	3	22	27	"	D	Sandy loam 5;fine sand 27;fine sand 38. Water at 27.
Con V " 13	E. Engel	T. VanKessel	June 15,1962	1 1/2	6	20	20	"	D	Topsoil 7;brown clay 20;fine sand 28. Water at 20.
Con V " 14	A. Beurting	"	Oct.11,1961	2	8		4	"	D	Sand 5;brown clay 20;fine sand 41;medium sand 47. Water at 41.
Con V " 20	H. Deming	R. McKenzie	July 3,1964	4	6	53	47	"	D,S	Open well 25;brown sand stones 49;brown coarse sand 64. Water at 47.
Con V " 24	W. Hickman	"	Feb.12,1964	4				"		Open pit 9;brown sand 18;grey clay 22;greyish brown sand 27;hard grey clay 48. Dry hole.
Con V " 24	"	"	June 11,1964	4				"		Topsoil 2;brown sand 8;clay 14;grey sand 36;grey clay 42; grey putty sand 58;clay 61;putty sand 123. Dry hole.
Con VI " 7	S. Toth	T.VanKessel	May 15,1966	1 1/2	20	11	11	Fresh	D	Topsoil 2;fine brown sand 11;very fine sand 17. Water at 11.
Con VI " 9	D. Whitehead	R. McKenzie	June 10,1965	1 1/2	5	19	16	"	D	Topsoil 2;yellow sand 10;clay 14;brown sand 29. Water at 14.
Con VI " 12	Charlotteville School Area	E.Hoover & Son	June 20,1967	7	10	58	40	Sulphur	P	Topsoil 2;red sand 40;fine sand 150;blue clay 170;fine sand 230;limestone 233. Water at 233.
Con VI " 13	C. Gates	R.McKenzie	Mar. 4,1964	2	4		25	Fresh	D	Fill 6;brown sand 11;clay 38;grey sand clay 42. Water at 10 and 38.



## NORFOLK COUNTY - cont.

Charlotteville Twp. -cont.

Con VI	lot 16	F. Dobler	R. Hodgson	Feb.16,1965	4	6	59	56	Fresh	D,S	Dug 46; brown sand 58; coarse grey sand 67. Water from 58 to 67.
Con VI	" 22	P. Mateosa	T. Kessel	Apr.28,1965	2	20	27	27	"	D,S	Open well 20; clay 27; medium sand 35. Water at 27.
Con VI	" 24	D. Crandall	S. Linton	Mar.12,1964	1 1/2	1 1/2		20	"	D	Topsoil 2; silty sand 22; fine sand 28. Water from 22 to 28.
Con VII	" 3	A. Decounsel	R. McKenzie	Oct. 3,1967	4						Topsoil 2; brown sand 15; clay 26; grey fine sand 34; putty sand 41; grey fine sand 48; clay 49. Water at 41.
Con VII	" 6	W. Mandyk	W. Burwell	Mar.30,1967	2	10	12	10	Fresh	S	Sand 18; sand 24. Water at 18.
Con VII	" 7	V. Duwyn	R. McKenzie	Oct.20,1965	4	6	15	10	"	D,S	Open hole 10; brown muddy sand 16; brown fine sand 26. Water at 8.
Con VII	" 7	F. Penn	S. Linton	Aug. 3,1966	1 1/2	2	7	7	"	D	Fine sand 19. Water at 7.
Con VII	" 12	J. Walker	R. McKenzie	Sep.22,1967	1 1/2	5		6	"	D	Pill 2; yellow sand 19; sand 24. Water at 19.
Con VII	" 16	M. Rittgasser	"	May 31,1967	4	6	39	31	"	D,S	Topsoil 2; yellow sand 12; clay 38; grey sand 41; grey clay 45; grey sand 56. Water at 9 and 45.
Con VII	" 23	H. Chesquierre	R. Hodgson	June 29,1965	2	15		10	"	S	Grey sand 5; clay sand 15; dirty brown sand 26; clean fine brown sand 32. Water from 17 to 32.
Con VII	" 24	H. Mann	R. McKenzie	Oct. 1,1967	4	10	16	9	"	D	Topsoil 1; yellow sand 20; putty sand 26; coarse sand 39. Water at 26.
Con VIII	" 4	A. Klemen	T. VanKessel	May 29,1964	1 1/2	25	15	15	"	D	Topsoil 3; medium sand 15; fine sand 26. Water at 15.
Con VIII	" 11	P. Toftan	"	July 24,1966	1 1/2	15	6	6	"	D	Topsoil 2; fine sand 17. Water at 6.
Con VIII	" 11	"	"	July 10,1966	1 1/2	15		7	"	D	Topsoil 3; fine sand 17. Water at 7.
Con VIII	" 15	G. Shepherd	S. Linton	May 27,1966	1 1/2	10	3	3	"	D,S	Open pit 2; fine grey sand 22. Water at 3.
Con VIII	" 15	K. Shepherd	"	May 31,1966	1 1/2	5	6	6	"	D	Open pit 5; fine sand 25. Water at 5.
Con VIII	" 16	H. Licharch	T. VanKessel	Mar.16,1966	1 1/2	10	12	12	"	D,S	Topsoil 2; hard brown sand 12; fine sand 15. Water at 12.
Con VIII	" 18	D. Johnson	S. Linton	July 18,1966	1 1/2	18		4	"	D	Pit 2; fine sand 18; medium sand 22. Water at 4.
Con VIII	" 18	E. Clark	T. VanKessel	Oct.12,1966	1 1/2	30	19	10	"	D	Topsoil 2; fine yellow sand 10; fine sand 20. Water at 10.
Con VIII	" 19	W. Hudson	"	Mar.17,1966	1 1/2	20	12	12	"	D,S	Fine sand 12; medium sand 20. Water at 12.
Con VIII	" 19	F. Moore	S. Linton	July 6,1966	1 1/2	35	7	7	"	D,S	Pit 4; fine hard sand 20; coarser medium sand 24. Water at 7.
Con VIII	" 19	L. Russell	T. VanKessel	July 14,1966	1 1/2	3		10	"	D	Topsoil 2; fine sand 15; blue clay 17; very fine sand clay 24. Water at 10 and 17.
Con VIII	" 21	M. Kochany	"	Mar.18,1966	1 1/2	60	12	12	"	D,S	Topsoil 2; fine sand 12; sand clay 18; very fine sand 23. Water at 12.
Con VIII	" 24	M. Csuka	R. Hodgson	Feb.11,1964	4				"		Topsoil 2; yellow sand 8; gravel sand 28; clay sand 54; fine dirty sand 60; white putty sand 66. Dry hole.
Con VIII	" 24	"	"	Feb.15,1964	4	4 1/2	40	35	"	D	Topsoil 2; yellow sand 12; clay sand 19; clay 25; clay sand 37; fine sand 47. Water from 37 to 47.
Con VIII	" 24	H. Freeman	"	June 16,1964	2	50		2	"	D	Dug with dozer 13; grey putty sand 17; grey sand 28; coarse brown sand 34. Water from 28 to 34.
Con IX	" 6	W. Philip	W. Burwell	Aug.27,1966	1 1/2	6 1/2		10	"	D	Fine sand 21; coarse sand 27. Water at 21.
Con IX	" 7	E. Wilson	S. Linton	June 12,1964	1 1/2	25	20	17	"	D	Fine sand 30. Water at 17.
Con IX	" 7	J. Adcock	T. VanKessel	Mar. 6,1965	1 1/2	5	15	15	"	D	Fine sand 19. Water at 10.
Con IX	" 12	J. Banluk	"	July 12,1964	1 1/2	10		10	"	D	Fine sand 21. Water at 10.
Con IX	" 12	E. Nunn	"	June 29,1965	1 1/2	25	8	8	"	D	Topsoil 2; fine brown sand 5; very fine sand 16. Water at 8.
Con IX	" 12	W. Franklin	"	Aug.22,1966	1 1/2	15	8	8	"	D	Topsoil 2; brown sand 8; fine grey brown sand 15. Water at 8.
Con IX	" 13	C. Barbick	"	Apr. 7,1966	1 1/2	8	10	10	"	D,S	Topsoil 3; hard brown clay 10; fine sand 17. Water at 10.
Con IX	" 13	C. Smith	S. Linton	Feb.20,1967	1 1/2	25	4	4	"	D	Well pit 4; fine sand 25. Water at 4.
Con IX	" 13	J. White	"	Mar.25,1967	2	15	15	6	"	D	Open well 8; fine hard sand 16; fine sand 25. Water from 16 to 25.
Con IX	" 14	L. Molyneaux	T. VanKessel	Oct.20,1965	1 1/2	5	8	8	"	D	Topsoil 2; fine sand 8; fine sand 14. Water at 7.
Con IX	" 15	G. Fritzgerald	S. Linton	May 18,1967	1 1/2	15	3	3	"	D	Fine sand 23; clay. Water at 3.
Con IX	" 16	E. Sheppard	"	Dec.21,1964	1 1/2	5	6	4	"	D	Open pit 4; fine grey sand 18. Water at 4.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont.										
Charlotteville Twp. -										
Con IX lot 18	cont. T. Husul	S. Linton	June 23, 1967	1 1/2	37 1/2	7	1	Fresh	D	Fine sand 23. Water from 6 to 23.
Con IX " 19	H. Cole	T. VanKessel	Dec. 7, 1967	10	12	12	1 1/2	"	D	Topsoil 2; fine sand 8; hard brown clay 13; blue clay 14; fine sand 22. Water at 12.
Con IX " 22	B. Smith	R. Hodgson	July 7, 1964	4	15	25	22	"	D, S	Topsoil 2; yellow sand 10; clay 18; grey sand 30; brown sand 37. Water from 30 to 37.
Con IX " 22	Seven Day Adventist Church	W.A. Belore	Nov. 17, 1964	1 1/2	5		25	"	P	Dug pit 4; red sand 8; brown sand 16; grey clay 25; fine sand 42. Water at 21 and 25.
Con IX " 23	H. Degroote	T. VanKessel	Apr. 5, 1966	1 1/2	15	5	14	"	D	Topsoil 2; clay 3; fine sand 14; coarse sand 22. Water at 14.
Con IX " 24	P. Loder	S. Linton	Feb. 22, 1964	1 1/2	63	5	5	"	D	Basement 4; fine gravel 9; coarse sand 13 1/2. Water at 5.
Con IX " 24	E. Love	"	May 15, 1964	1 1/2	40	45	4	"	D	Sand 4; coarse sand gravel 12. Water at 4.
Con IX " 24	S. Linton	"	July 8, 1964	1 1/2	32	6	4	"	Ir	Yellow sand 2; coarse white sand 4; coarse sand fine gravel 14. Water at 4.
Con IX " 24	A. Bouckheuyt	R. McKenzie	July 11, 1964	1 1/2	20		15	"	D	Topsoil 1 1/2; brown sand 3; yellow sand 6; grey sand 15; brown coarse sand 24. Water at 15.
Con IX " 24	J. Trott	"	Sep. 14, 1964	4"	6	39	31	"	D	Sand 28; grey muddy sand 30; brown sand 45. Water at 31.
Con IX " 24	C. Jongeneel	S. Linton	Apr. 17, 1967	1 1/2	5	5	4	"	D	Fine sand 11; coarse sand 17. Water from 5 to 17.
Con X " 4	E. Chand	T. VanKessel	May 20, 1964	1 1/2	15		11	"	D, S	Fine sand 22. Water at 11.
Con X " 8	D. Verhoeve	P.V.K. & Sons	Apr. 19, 1967	2	135		9	"	Ir	Topsoil 1 1/2; fine sand 12; medium sand 30. Water from 9 to 30. 3 sandpoints hooked together.
Con X " 10	N. Ghesquiere	Warren Water Well	Dec. 9, 1965	1 1/2	5	30	20	"	D	Yellow sand 23; sand 30. Water at 30.
Con X " 12	J. Horvalh	T. VanKessel	Mar. 6, 1965	1 1/2	30	11	11	"	D, S	Topsoil 3; fine sand 11; medium sand 20. Water at 11.
Con X " 13	T. Brandow	"	Nov. 23, 1966	1 1/2	20		10	"	D	Topsoil 2; brown sand 10; fine sand 20. Water at 10.
Con X " 16	E. Nunn	S. Linton	Nov. 10, 1967	1 1/2	7	8	6	"	D, S	Yellow sand 2; fine grey sand 22. Water at 6.
Con X " 17	J. DePouw	"	July 22, 1965	1 1/2	30	14	11	"	D	Basement 6; very fine sand 26; medium fine sand 32. Water at 11.
Con X " 17	K. Kiss	Cole Water Wells	Mar. 25, 1966	5	4	40	4	"	D	Yellow sand 6; red sand 22; white sand 30; black white sand 40. Water from 30 to 40.
Con X " 17	N. Debrandere	"	Jan. 20, 1966	5	4	33	6	"	D	Yellow sand 6; red sand 20; white sand 25; sand 33. Water from 25 to 33.
Con X " 22	L. Otkinson	S. Linton	May 15, 1964	1 1/2	25	23	18	"	D	Open pit 4; fine sand 17; fine gravel coarse sand 30. Water at 18.
Con XI " 8	S. Scheers	R. Hodgson	May 11, 1964	2	10		15	"	D, S	Dug well 4; yellow sand 16; grey sand 20; fine brown sand 25. Water from 20 to 25.
Con XI " 9	J. Heyndricks	T. VanKessel	Apr. 11, 1966	1 1/2	5	15	18	"	D	Topsoil 2; sand 18; fine sand 25. Water at 18.
Con XI " 9	"	R. Hodgson	May 9, 1964	2	50		14	"	S	Topsoil 1; yellow sand 7; hard sand 15; grey sand 20; coarse brown sand 26. Water at 20.
Con XI " 24	P. Baskett	T. VanKessel	Nov. 15, 1967	1 1/2	4		16	"	D	Topsoil 2; brown sand clay 12; medium sand 22. Water from 16 to 22.
Con XII " 1	P. Laplenis	Cole Water Wells	Oct. 18, 1965	5	3	117	78	"	D	Black loam 2; yellow sand 25; grey clay 35; yellow sand 111; fine black white sand 117. Water from 111 to 117.
Con XII " 4	P. Hauptert	R. Hodgson	Apr. 1, 1964	1 1/2	2		2	"	D, S	Topsoil 2; yellow sand 12; clay sand 15; brown sand 26; fine brown sand 34. Water from 24 to 34.
Delhi, Town of										
	A. VanDenBursche	J. Weaver & Son	May 9, 1964	1 1/2	6		26	Fresh	D	Topsoil 1; yellow sand 5; white sand 26; brown sand 30. Water at 25.

NORFOLK COUNTY - cont. Houghton Twp. - cont.												
Con II	lot 13	Wanatter	Warren Water Wells	July 6, 1967	1 1/4	1 1/4	5	Fresh	D	Topsoil 1; yellow sand 9; clay 12; putty sand 16. Water at 16.		
Con II	" 17	M. Fabi	Hadco Well Digging Ltd.	Nov. 1, 1966	30	3	28	15	"	D	Brown sand 3; brown clay 14; sand 16; blue hard clay 18; blue sand 30. Water at 18.	
Con III	" 6	J. Ambo	L. Hodgson & Son	Nov. 20, 1967	1	10		8	"	D	Yellow sand 5; grey sand 8; grey sand 25. Water from 8 to 25.	
Con III	" 8	D. Graham	"	Sep. 25, 1967	1	11		13	"	D	Yellow sand 13; sand 37. Water from 13 to 37.	
Con III	" 13	W. Ferguson & Son	Hadco Well Digging	Oct. 19, 1966	30	4	20	14	"	D	Topsoil 2; sandy clay 2; brown sand 14; blue sand 16; blue clay 20. Water at 14.	
Con III	" 14	M. Backner & Son	"	Oct. 19, 1966	30	4	24	14	"	D	Topsoil 2; sandy brown clay 14; blue sand 16; blue clay 20; sandy blue clay 24. Water at 14.	
Con III	" 14	C.H. Abbott	"	Oct. 31, 1966	30	3	22	10	"	D	Brown sand 10; blue sand 14; blue clay sand 25. Water at 12.	
Con IV	" 3	S. VanDamme	J.H. Weaver & Son	Mar. 14, 1964	1 1/4	4		16	"	D,S	Open pit 6; white sand 16; white quicksand 28. Water at 16.	
Con IV	" 15	J. Dhondt	Warren Water Wells	June 16, 1965	5	3	103	40	"	D	Yellow sand 12; sand 17; grey clay 96; fine sand 103. Water at 17 and 103.	
LRN	" 5	J. Wall Jr.	W.E. Locker	May 25, 1966	5	3 1/2	46	36	"	D,S	Topsoil 1 1/2; yellow sand 38; very fine grey sand 58. Water from 38 to 58.	
LRN	" 9	W. Gunn	J. Weaver & Son	Aug. 3, 1964	1 1/4	8		30	"	D	Topsoil 1; yellow sand 6; white sand 30; white sand 44. Water at 30.	
LRN	" 13	J. Jansen	"	Apr. 10, 1964	1 1/4	8		8	"	D,S	Topsoil 1; yellow sand 8; brown sand 15. Water at 8.	
LRS	" 13	J. VanDerven	"	Apr. 15, 1964	1 1/4	8		8	"	D,S	Pit 4; yellow sand 8; brown quicksand 14. Water at 8.	
LRS	" 16	Ont. Dept. of Transport	Accurate Diamond Drilling	Aug. 23, 1967	5						Topsoil 7; sand 9; red clay 120. Dry hole.	
NRE	" 10	E. Motten	Warren Water Wells	Oct. 21, 1964	5	1 1/2	78	22	Fresh	D,S	Yellow sand 21; grey clay 69; fine sand 78. Water at 78.	
NRE	" 14	Kesteloot Bros	"	May 2, 1964	5	10	38	20	"	D,S	Yellow sand 19; clay sand 22; sand 26; clay stones 45; fine sand 50. Water at 26 and 50.	
NRW	" 1	R. Butcher	W.E. Locker	Nov. 13, 1965	1 1/4	3 1/2			Flows	"	D,S	Pit 5; yellow sand 13; grey sand 22; clay. Water from 13 to 22.
NRW	" 2	"	"	Oct. 26, 1965	2	4		2	"	D	Topsoil 2; yellow sand 6; fine grey sand 22. Water from 6 to 22.	
NRW	" 15	P. Traubenik	Hadco Well Digging Ltd.	Apr. 21, 1967	30	5	30	6	"	D,S	Topsoil 1 1/2; brown sand 10; blue sand 12; blue hardpan 15; blue-sand 19; blue hardpan 25; blue marl 35. Water at 10, 15 and 30.	
TRS	" 138	G. Knab	"	Apr. 21, 1967	30	5	22	6	"	D	Topsoil 1 1/2; brown sand 9; grey sand 25. Water at 10 and 16.	
TRS	" 138	F. Silverthorne	W.A. Belore	Apr. 5, 1967	1 1/4	15		7	"	D	Red sand 7; grey sand 11; sand 31. Water from 11 to 31.	
Middleton Twp.												
TRN Con I	lot 11	J. Eppel	L. Hodgson & Sons	Nov. 11, 1967	1	8		6	Fresh	D	Sand 6; sand 27. Water from 6 to 27.	
TRN Con I	" 20	T. Ronson	Warren Water Wells	July 30, 1964	5	4	55	30	"	D	Yellow sand 6; grey clay stones 63; putty sand 75; sand 80. Water at 80.	
TRN Con I	" 20	C. Davis	W. Burwell	May 29, 1967	5	10	20	12	"	D	Sand 15; clay 45; putty sand 46; clay 70; sand 88. Water at 70.	
TRN Con I	" 21	M. Weber	Warren Water Wells	Aug. 7, 1964	5				"	"	Yellow sand 3; putty sand 5; clay stones 163; dirty gravel 171; brown limestone 178. Dry hole.	
TRN Con I	" 21	C. Lucas	W. Burwell	June 1, 1967	5	15	20	6	"	D	Sand 6; blue clay 36; putty sand 39; clay 68; sand 73. Water at 68.	
TRN Con I	" 22	H. Wies	W. Belore	Sep. 25, 1965	1 1/4	7		15	"	D	Dark sand 3; stony blue clay 17; coarse sand 34. Water at 17.	
TRN Con I	" 22	S. Herale	W. Belore	Mar. 9, 1964	1 1/4	5		15	"	D	Red sand 6; grey sand 11; blue clay 22; grey sand 40. Water at 22.	
TRN Con I	" 22	A. Legein	Warren Water Wells	Aug. 18, 1964	5	5	30		"	D	Topsoil stones yellow sand 9; grey clay 45; putty sand 52. Water at 52.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Middleton Twp.- cont.										
TRN Con I lot 22	Baptist Church	W.Belore	May 18, 1965	1 1/2	6		10	Fresh	P	Dark sand 2; red sand 6; gravelly sand 9; grey clay 18; coarse sand 35. Water at 18.
TRN Con I " 22	H. Weis	"	June 2, 1966	1 1/2	6		10	"	D	Fine brown sand 5; stony blue clay 18; putty sand 24; coarse sand 40. Water at 24.
TRN Con I " 22	T. Shardlow	"	Oct. 12, 1966	1 1/2	6 1/2		11	"	D	Loose fill 4; fine dark sand 7; stony blue clay 17; fine sand 21; coarse sand 38. Water at 17 and 21.
TRN Con I " 22	J. Weise	"	Nov. 16, 1967	1 1/2	7		6	"	D	Dark sand 3; clay 21; sand 39. Water from 21 to 39.
TRN Con I " 22	H. Weise	"	Nov. 21, 1967	1 1/2	4		4	"	D	Topsoil 1; dark sand 5; clay 20; sand 34. Water from 20 to 34.
TRN Con I " 23	A. Deumo	Cole Water Wells	July 9, 1965	5	6	40	20	"	P	Yellow sand 15; white sand 19; clay stones 47; sand 58. Water from 47 to 58.
TRN Con I " 23	A. Nunn	W. Belore	Feb. 26, 1966	1 1/2	6		10	"	D	Dark sand 4; gravel 10; blue clay 30; coarse sand 17. Water at 30.
TRN Con I " 23	Twp of Middleton	Warren Water Wells	July 15, 1966	5					T	Black topsoil 2; orange sand 8; yellow sand 10; grey coarse sand 11; grey sand clay 12; grey fine sand 42; grey sand clay 45; grey clay 47; putty sand clay 59; grey clay 86; grey clay pebbles 94; sand 129; grey clay 148; grey clay stones 167; soft grey clay 168; grey limestone. Water at 11, 42 and 94.
TRN Con I " 23	"	"	July 21, 1966	5	105	17	7	Fresh	N	White sand 14; coarse sand 36; clay stones 60; very fine sand 69; putty sand 84; soft clay 96. Water at 36 and 69.
TRN Con I " 23	S. Kemeny	W. Belore	Sep. 12, 1966	1 1/2	6		16	"	D	Fine dark sand 4; gravel sand 10; blue clay 24; medium sand 38. Water at 24.
TRN Con I " 23	I. Parvanyik	"	Oct. 14, 1966	1 1/2	5		15	"	D	Fine sand 4; fine brown sand 8; blue clay stones 28; medium sand 45. Water at 28.
TRN Con I " 24	H. Mauthe	J. Weaver & Son	May 1, 1964	2	8		30	"	D	Topsoil 1; yellow sand 9; brown stony clay 21; sand 30; blue putty sand 39; blue clay 40; blue quicksand 48. Water at 30 and 40.
TRN Con I " 36	T. Schafer	Warren Water Wells	Aug. 23, 1965	5	1/2	148	40	"	N	Yellow sand 15; sand 21; putty sand 94; clay 108; putty sand 114; clay 121; grey sand 138; soft shale 146; grey limestone 148; brown limestone. Water at 21 and 146.
TRN Con I " 39	M. VanPraet	P.V.K. & Sons Soil Testing	May 30, 1966	2	360		12	"	Ir	Topsoil 1; medium fine sand 26; medium coarse sand 37. Water from 12 to 37.
TRN Con I " 40	D. Popalou	R. Hodgson	Mar. 13, 1964	1 1/2	8	22	19	"	Ir	Dug well 4; sand gravel 16; sand 20; coarse sand 27. Water from 20 to 27.
TRN Con I " 41	F. Lochan	Warren Water Wells	May 26, 1965	5	4	53	40	"	C	Yellow sand 12; grey clay stones 49; fine grey sand 57. Water at 57.
TRN Con I " 44	M. Ecclloo	J. Weaver & Son	July 25, 1964	1 1/2	8		51	"	D	Open well 26; white sand 51; brown quicksand 55; brown putty sand 58; brown quicksand 63. Water at 51.
TRN Con I " 44	J. Kora	W. Burwell	Mar. 21, 1966	5	8	60	50	Sulphur	D	Fine sand 70; blue clay 90; putty sand 150; blue clay 153; limestone 163. Water at 163.
TRN Con I " 45	C. Hussar	J. Weaver & Son	Aug. 24, 1964	1 1/2	5		47	Fresh	D, S	Open well 30; white sand 47; brown quicksand 60. Water at 47.
TRN Con I " 45	"	W. Burwell	Mar. 29, 1966	5	8	70	60	Sulphur	D	Fine sand 50; fine sand 60; blue clay 70; putty sand 130; blue clay 149; limestone 162. Water at 162.
TRN Con I " 46	C. Pollet	R. Hodgson	Feb. 5, 1964	4	6	24	22	Fresh	D, S	Topsoil 2; yellow sand 10; coarse sand 30; coarse brown sand 38. Water from 30 to 38.
TRN Con I " 48	A. Vanvaeren Berg	Cole Water Wells	Nov. 4, 1965	5	2	127	28	Sulphur	D	Open hole 12; yellow sand 55; putty sand streaks grey clay 106; grey clay stones 110; limestone 130. Water from 125 to 130.

NORFOLK COUNTY  
Middleton Twp.

TRN	Con II	lot 11	G.Moody	Warren Water Wells	Mar. 6, 1964	5	3½	72	50	Fresh	D	Yellow sand 18; grey clay stones 68; fine grey sand 72. Water from 68 to 72.
TRN	Con II	" 11	S.Wolled	W.Burwell Wells	Oct. 19, 1967	5	5	45	35	"	D	Red sand 15; blue clay 60; grey fine sand 70. Water from 60 to 70.
TRN	Con II	" 11	W.Greenwood	Warren Water Wells	May 31, 1965	5	5	15	6	"	D	Yellow sand 14; grey clay 51; sand 59. Water from 51 to 59.
TRN	Con II	" 18	J.Walker	W.Burwell Wells	June 24, 1967	5	5	49	30	"	D	Red sand 3; blue clay 91; fine sand 104. Water at 91.
TRN	Con II	" 18	B.Whittal	"	July 1, 1967	5	10	20	6	"	C	Red sand 3; blue clay 65; fine sand 69; blue clay 73; sand 84. Water at 73.
TRN	Con II	" 18	J.Walker	Warren Water Wells	Dec. 4, 1965	5	6	30	4	"	D	Yellow sand 6; putty sand clay 98; fine sand 104. Water at 104.
TRN	Con II	" 23	S.Jancosurak	" Wells	Aug. 7, 1965	1½	6		6	"	D,S	Yellow sand 16; sand 21. Water at 21.
TRN	Con II	" 44	H.Duke	R.Hodgson	May 28, 1964	2	30		7	"	M	Dug well 16; grey sand 22; fine brown sand 28; grey sand 30. Water from 22 to 30.
TRN	Con II	" 45	"	"	May 14, 1964	2	40		16	"	D,S	Dug well 5; grey sand 18; coarse sand 26. Water from 18 to 26.
TRN	Con II	" 45	"	"	June 3, 1964	2	60		10	"	Ir	Topsoil 2; yellow sand 10; coarse sand 18; coarse yellow sand 20. Water from 10 to 20.
TRN	Con II	" 46	H.Pollet	Warren Water Wells	Mar. 12, 1964	5	6	25	20	"	D,S	Brown sand 28; fine sand 51. Water at 51.
TRN	Con II	" 48	J.Matcher	R.McKenzie	June 29, 1964	2	7		25	"	D,S	Topsoil 2; grey sand 6; grey clay 9; brown stony sand 21; brown coarse sand 36. Water at 25.
TRN	Con III	" 5	J.Graves	Cole Water Wells	Oct. 5, 1967	5	10		65	Sulphur	D	Yellow sand 15; soft grey clay 85; putty sand 95; grey clay stones 130; putty sand clay 150; grey clay 220; shale 222. Water from 220 to 222.
TRN	Con III	" 6	M.Verhagge	W.Burwell	Aug. 23, 1965	5	6	35	32	Fresh	D	Fine sand 8; blue clay 51; sand 56. Water at 51.
TRN	Con III	" 11	L.Ketchabaw	"	Apr. 1, 1964	5	6	30	25	"	D	Sand 20; clay 30; sand 46. Water at 46.
TRN	Con III	" 14	J.Lelenska	Warren Water Wells	Sep. 10, 1966	1½	7		12	"	D	Open well 14; yellow sand 21; sand 30. Water at 30.
TRN	Con III	" 15	A.Radocz	J.Weaver & Son	Mar. 13, 1964	1½	15		12	"	In	Topsoil 1; yellow sand 5; white sand 12; brown quicksand 30. Water at 12.
TRN	Con III	" 16	A.Oszlanszky	Warren Water Wells	Feb. 14, 1966	5	6	65	8	"	T	Yellow sand 12; clay 55; fine sand 65. Water at 65.
TRN	Con III	" 16	"	"	Feb. 16, 1966	3	45	20	10	"	Ir	Yellow sand 13; clay silt 24; white sand 55; coarse sand 66. Water at 66.
TRN	Con III	" 16	"	"	Feb. 24, 1966	3	45	18	10	"	Ir	Yellow sand 12; grey clay 25; white sand 51; clay 52; sand 63. Water at 63.
TRN	Con III	" 16	"	"	Feb. 21, 1966	3	45	18	10	"	Ir	Yellow sand 15; grey clay 26; white sand 51; clay 54; coarse sand 65. Water at 65.
TRN	Con IV	" 1	S.Gradish	"	June 10, 1966	5	6	40	35	"	"	Yellow sand 12; grey clay 69; fine sand 77. Water at 77.
TRN	Con IV	" 6	H.French	Cole Water Wells	Dec. 14, 1966	5	3	50	30	"	D	Black loam 1; yellow sand 12; soft clay 48; black white sand 60. Water from 50 to 60.
TRN	Con IV	" 10	A.Vodden	J.Weaver & Son	June 22, 1964	1½	8		15	"	D,S	Topsoil 1; yellow sand 5; white sand 15; brown sand 24. Water at 15.
TRN	Con IV	" 10	H.Becker	"	Nov. 2, 1964	1½	8		16	"	D	Topsoil 1; yellow sand 5; white sand 16; brown sand 30. Water at 16.
TRN	Con IV	" 13	B.Parkas	"	Mar. 24, 1964	1½	5		24	"	D	Topsoil 1; yellow sand 6; white sand 24; white quicksand 37. Water at 24.
TRN	Con V	" 1	P.Holmes	W.E.Locker	June 10, 1964	5	3½	70	51	"	D	Dark clay loam 2; blue clay 35; grey sand 45; grey sand 60; grey sand clay layers 72; dark sand 80; clay. Water from 72 to 80.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Middleton Twp. - cont.										
TRN Con V lot 3	C.Kennedy	E.Hoover & Sons	Oct.11,1965	5						
TRN Con V " 3	"	"	Oct.29,1965	5	5	25	25	Sulphur	D	Previously drilled 70;blue clay 155. Dry hole. Topsoil 4;blue clay 15;grey sand 28;blue clay 38;brown sand 95;soft clay 105;clay stones 115;putty sand 150;soft clay 170;gravel 170. Water at 170. Yellow clay 18;sand 47;grey clay 68;fine sand 83. Water at 83.
TRN Con V " 4	"	"	June 6,1966	5	3	83	53	Fresh	D	Topsoil 2;yellow sand 22;fine sand 38. Water from 22 to 38.
TRS Con I " 8	J.Strobel	Warren Water Wells	Mar. 1,1967	5	20	15	6	"	D	Dark sand 2;red sand 6;grey sand 11;sand 30. Water from 11 to 30.
TRS Con I " 15	B.Fistrovic	W.A.Belore	Sep.18,1967	1 1/2	12		10	"	D	Fine dark sand 2;fine red sand 7;fine dark sand 14;coarse sand 34. Water at 14.
TRS Con I " 21	M.Pody	"	July 5,1966	1 1/2	10		10	"	D	Pit 6;brown putty sand 7;brown clay 12;blue pebbly clay 27; blue quicksand 43. Water at 27.
TRS Con I " 23	S.Szoradi	J.H.Weaver & Son	May 23,1964	2	15		27	"	D	Grey sand 5;dark sand 8;grey clay 16;putty sand 20;sand 32. Water from 20 to 32.
TRS Con I " 23	P.Abel	W.A. Belore	Oct. 2,1967	1 1/2	6		10	"	D	Open pit 6;grey sand 12;hard brown sand 19;sand 38. Water at 19.
TRS Con I " 24	R.Chapman	"	June 2,1964	1 1/2	6 1/2		12	"	D	Black topsoil 1;white sand 6;grey sand 14;sand 45;putty sand 50;putty sand clay 52. Water at 45.
TRS Con I " 34	Twp. Middleton	Warren Water Wells	July 26,1966	5	105	18	7	"	T	Black topsoil 1;white sand 7;grey sand clay 16;sand 46;putty sand. Water at 46.
TRS Con I " 24	"	"	Aug.10,1966	8	192	9	7	"	F	Grey sandy clay 12;sand 30. Water from 12 to 30.
TRS Con I " 24	F.Lymburner	L.Hodgson & Sons	Nov. 2,1967	1	7		12	"	D	Fine dark sand 2;fine red sand 7;gravel 17;blue clay 22; coarse sand 37. Water at 22.
TRS Con I " 25	M.Ferber	W.Belrose	Sep. 9,1966	1 1/2	4		14	"	D	Topsoil 2;fill 8;clay 32;sand 38;grey sand 50. Water from 40 to 50.
TRS Con I " 26	M. Soebel	R.Hodgson	June 29,1964	4	6	27	22	"	D	Yellow sand 12;putty sand clay 28;fine sand 35. Water from 28 to 35.
TRS Con I " 26	W.Drees	Warren Water Wells	Mar.13,1965	5	7	14	7	"	D,S	Yellow sand 12;grey clay 46;grey putty sand 181;grey shale 186;grey limestone 188;brown limestone 191;grey limestone 202. Water at 201.
TRS Con I " 32	T.Bukta	"	Nov.10,1967	5	1 1/2	202	60	Sulphur	D,S	Fill 9;boulder fill 14;dirty sand 48;sand 54;sand 60;fine grey sand 70. Water from 60 to 70.
TRS Con I " 42	G.Rayner	R.Hodgson	Oct.26,1965	4	3	65	52	Fresh	D	Yellow sand 64;grey clay 67;very fine sand 75. Water at 75.
TRS Con I " 43	P.Bapai	Warren Water Wells	Oct.20,1967	5	4	67	60	"	D	Yellow sand 4;fine gravel 20;red sand 22;white sand rock 29. Water from 22 to 29.
TRS Con I " 45	A.Drury	Cole Water Wells	June 15,1965	5	2	26	17	"	D	Sand 4;blue clay 15;sand 20;blue clay 25;sand 39. Water at 25.
TRS Con II " 2	B.Pasztor	W.Burwell	July 4,1967	1 1/2	6	20	15	"	D	Dark top soil 1;yellow sand 5;hard yellow clay 7;sharp grey sand 22. Water from 7 to 22.
TRS Con II " 11	W.Pasztor	W.E.Locker	Apr. 5,1966	1 1/2	4 1/2		7	"	D	Sand 4;clay sand 40;sand 58. Water from 45 to 58.
TRS Con II " 16	W.Putaczki	E. Mitchell	Apr.13,1967	5	5	24	15	"	D	Red sand 33;clay 35;sand 44. Water at 35.
TRS Con II " 34	A.Verbuyst	W.Burwell	Apr. 3,1967	5	5	31	28	"	D,S	Topsoil 1;yellow sand 15;sand silt 21;brown sand 52;coarse sand 58. Water from 52 to 58.
TRS Con II " 40	G.Gehring	R.Hodgson	May 1,1964	5	6	48	46	"	D,S	Fill 4;yellow sand 19;fine brown sand 22;medium grey sand 28. Water from 22 to 28.
TRS Con II " 46	Pine Grove Packers	"	May 20,1965	4	9	22	9	"	In	Fine sand 10;blue clay 25;fine sand 34. Water at 25.
TRS Con II " 46	J.Naujokus	W.Burwell	Aug.27,1965	2	1 1/2	20	15	"	D	

NORFOLK COUNTY -cont.

Middleton Twp.-cont.

TRS Con II	lot 46	L.Lanckriet	Warren Water Wells	Dec.30,1965	5	6	35	8	Fresh	D	Yellow clay 14;putty sand 33;grey clay 38;sand 42. Water at 42.
TRS Con II	" 46	E.Sypher	Hedco Well Digging Ltd.	May 10,1966	30	4	28	20	"	D	Topsoil 1;brown clay 9;blue clay 20;blue sand 23;blue clay 30. Water at 20.
TRS Con II	" 46	T.Vidmont	E. Hoover & Son	Oct.24,1967	5	5	20	17	"	D	Topsoil 1;red sand 28;sand 30. Water at 28.
TRS Con III	" 11	G.Ball	W.Burwell	May 25,1966	5	15	36	29	"	D	Sand 13;sand 19;blue clay 49;fine sand 77;coarse sand 85. Water at 77.
TRS Con III	" 14	Imperial Tobacco Co.Ltd	Warren Water Wells	Mar.24,1966	4	15	28	30	"	D,S	Yellow sand 22;grey sand 32;sand 42. Water at 42.
TRS Con III	" 15	"	"	Mar.25,1966	1 1/2	2 1/2		24	"	D	Yellow sand 2;red clay sand 5;white sand 12;yellow sand 27;sand 31. Water at 31.
TRS Con III	" 25	M.Nebenfuhr	W.Burwell	Oct.20,1964	5	10	14	11	"	S	Fine sand 18;sand 26. Water at 18.
TRS Con III	" 26	N.Nyilas	W.A. Belore	May 27,1964	1 1/2	5		9	"	D,S	Well pit 4;grey sand 11;grey sand 28. Water at 11.
TRS Con III	" 29	P.Mago Sen.	Warren Water Wells	Mar.17,1965	5	10	12	6	"	D,S	Open well 5;brown sand 26;grey putty sand 32;grey sand 37. Water at 37.
TRS Con III	" 30	P.Schaffer	"	July 4,1966	5				"		Gravel 14;brown sand 28;grey clay pebbles 33;putty sand 45. Dry hole.
TRS Con III	" 30	"	"	July 5,1966	3	75		8	Fresh	Ir	Yellow sand 26;clay stones 28;coarse sand 38. Water at 38.
TRS Con III	" 30	"	"	July 5,1966	3	50		8	"	Ir	Yellow sand 26;clay stones 28;coarse sand 38. Water at 38.
TRS Con III	" 36	H.L.Demarest	"	Apr.17,1964	5	15	30	29	"	D,S	Yellow sand 30;sand 41. Water at 41.
TRS Con IV	" 23	OWRC River Basin Research	F.E.Johnston Drilling Co.Ltd.	June 15,1965	5				"	T	Black loam 2;medium sand 20;running sand 35;blue clay 36. Water at 33. Medium sand 20;sand 35;Clay stones 55;silty clay 60;running sand 78. Plugged from 36 to 78.
North Walsingham Twp.											
Con VIII	lot 3	OWRC River Basin Research	F.E.Johnston Drilling Co.Ltd.	June 10,1965	1 1/2			39		T	Sand 2;silty clay 25;fill 35;silty clay 60;soft clay 85. Water from 50 to 60.
Con VIII	" 6	A.Cnockaert	L.Hodgson	May 21,1967	2	200	4	1	Fresh	Ir	Yellow sand 1;sand 25. Water from 1 to 25.
Con VIII	" 19	R.Clark	C.Strome	Aug. 7,1964	2	2		22	"	D	Light sand 1;dark sand 3;red sand 7;fine white sand 15;hardpan clay stone 17;medium grey black sand 30. Water at 30.
Con IX	" 3	A.Decoopman	W.Burwell	Sep. 4,1967	3	1	12	8	"	D,S	Red sand 5;grey sand 7;blue clay 12 1/2. Water from 5 to 7.
Con IX	" 22	J.Wingrove	H.Johnson	Mar.31,1965	36	4	42	40	"	D	Brown sand 12;reddish grey sand 30;coarser sand 60. Water at 40.
Con IX	" 23	J.Mayer Jr.	Cole Water Wells	Oct. 8,1965	5	2 1/2	34	14	"	D	Black loam 2;yellow clay 15;yellow sand 29;sand 34. Water at 29.
Con IX	" 24	T.Patterson	T.VanKessel	Oct.25,1966	1 1/2	3	15	15	"	D	Topsoil 2;hard fine sand 15;fine sand 22. Water at 15.
Con X	" 8	OWRC River Basin Research	F.E.Johnston Drilling Co.Ltd.	June 11,1965	7			7	"	T	Yellow sand 5;medium sand 10;sand 18. Water at 18.
Con X	" 24	E.Terdik	H.Johnson	Mar. 7,1967	36	2		30	"	D	Fine sand 50. Water at 30.
Con XI	" 9	R.Causyn	Warren Water Wells	Sep.15,1965	5	10	35	26	"	D	Yellow sand 22;putty sand 39;fine sand 49. Water at 49.
Con XI	" 12	H.Karnes	"	May 13,1964	5	2	53	3	"	D	Sand 20;clay stones 46;fine sand 50;sand clay 53. Water at 50.
Con XI	" 13	S.Szoves	"	Mar. 8,1966	1 1/2	5		20	"	D	Sand 22;sand 30. Water at 30.
Con XI	" 15	A.Wullemann	Hedco Well Digging Ltd.	May 11,1966	30	2	33	24	"	D	Topsoil 1;brown clay 3;brown sand 11;blue sandy hardpan 24; blue sand 27;blue clay 31;blue sand 34. Water at 24.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont.										
North Walsingham Twp. - cont.										
Con XII lot 9	J. Dambruskas	C. Strome	Mar. 7, 1964	1 1/2	2		18	Fresh	D	Top fill 3; red sand 10; white fine sand 14; coarse grey sand 18; clay sand mixture 21; medium sand 31. Water at 31.
Con XII " 9	"	"	Apr. 1, 1964	1 1/2	2		18	"	D	Topsoil 3; red sand 10; white sand 14; coarse grey sand 18; clay sand mixture 21; medium sand 32. Water at 32.
Con XII " 12	Sacred Heart Church	R. Hodgson	June 17, 1964	1 1/2	20	20	14	"	P	Fill 3; grey sand 10; hard sand 14; brown sand 18; black sand 26. Water from 18 to 26.
Con XII " 12	C. Neyer	J. Weaver & Son	Sep. 7, 1964	1 1/2	8		9	"	D	Topsoil 1; yellow sand 5; white sand 9; coarse sand 26. Water at 9.
Con XII " 12	A. DeLeemars	W. A. Belore	Feb. 14, 1967	1 1/2	6		7	"	D	Brown sand 4; light grey sand 10; gravel 28. Water from 10 to 28.
Con XII " 12	L. Brownlee	L. Hodgson & Sons	Oct. 7, 1967	1	6		8	"	D	Sand 8; sand 20. Water from 8 to 20.
Con XII " 12	M. Anseuw	"	Oct. 9, 1967	1	6		8	"	D	Sand 8; sand 20. Water from 8 to 20.
Con XII " 12	G. DeMaier	"	Oct. 15, 1967	1	10		10	"	D	House basement 5; grey sand 10; sand 22. Water from 10 to 22.
Con XII " 20	W. Zommerville	W. Burwell	Nov. 19, 1964	1 1/2	1 1/2		7	"	D	Fine sand 10; grey clay 25; putty sand 42. Water from 25 to 42.
Con XIII " 11	A. Spriet	"	May 18, 1966	5	5	16	6	"	N	Red sand 10; blue clay 20; fine sand 60. Water at 20.
Con XIII " 12	Cross Country T.V. C.O. Seys Lewis Constr.	C. Strome	Jan. 15, 1964	2	2		18	"	D	Top fill 2; loam 8; gravel clay 14; fine white sand 22; clay 25; light grey sand 38. Water at 38.
Con XIII " 13	"	Warren Water Wells	Aug. 3, 1966	5	10	24	9	"	D	Topsoil 1; yellow sand 22; yellow sand 34. Water at 34.
Con XIII " 15	J. Cusyns	C. Strome	Apr. 20, 1964	1	5		13	"	D	Topsoil 3; sandstone 8; clay 12; fine sand 20; white sand 30. Water at 30.
Con XIII " 16	P. DeVreandt	W. Burwell	June 14, 1967	2				"	D	Red sand 7; red clay 15; blue clay 24; sand 35; fine sand 40. Water at 35. Not sufficient water for irrigation.
Con XIII " 16	"	"	June 14, 1967	2	25	17	12	Fresh	Ir	Red sand 7; red clay 15; blue clay 24; sand 40. Water at 24.
Con XIII " 16	"	"	June 16, 1967	2	25	17	12	"	Ir	Red sand 7; red clay 15; blue clay 24; sand 40. Water at 24.
Con XIII " 16	"	"	June 17, 1967	2	25	17	12	"	Ir	Red sand 7; red clay 15; blue clay 24; sand 40. Water at 24.
Con XIII " 19	J. Toonen	H. Johnson	Mar. 2, 1967	36	3		4	"	D	Medium coarse sand 17. Water at 4.
Con XIV " 12	R. VanSeveren	P. Neudent	May 5, 1967	36	8		15	"	D	Grey sand 25. Water at 10.
Con XIV " 24	G. Brown	R. Hodgson	Apr. 4, 1964	4	8	50	44	"	D, S	Dug 36; brown sand 44; gravel sand 46; grey sand 51. Water from 46 to 51.
Simcoe Town of										
	M. Gibson	R. Hodgson	Mar. 6, 1964	4	1	30	22	Fresh	D	Fill 3; clay sand 10; boulders sand 15; clay 28; putty sand 38; fine sand 47; putty sand 107; white limestone 114. Water at 112.
	G. Milligan	H. Johnson	May 4, 1964	36	5	15	10	"	D	Brown sand clay 10; clay coars sand layers 18; silt 25. Water at 10.
	J. Wallace	T. VanKessel	June 14, 1965	2	18	17	16	"	In	Open well 4; sand 14; fine sand 23. Water at 16.
South Walsingham Twp.										
Con I lot 12	W. Haun	E. Stewart	Apr. 1, 1964	5						Yellow loam sand 15; blue hard clay 70. Dry hole.
Con I " 24	St. Williams Water Service	Warren Water Wells	Feb. 21, 1967	6 1/2	10	170	130	Sulphur	P	Yellow clay sand 4; grey clay pebbles 292; brown limestone 303; shale. Water at 303.
Con IV " 5	OWBC River Basin Research	P. E. Johnston Drilling Co. td.	June 3, 1965	5			9	Fresh	T	Sand 21; silty clay 26. Water at 21.

NORFOLK COUNTY - cont.										
South Walsingham - cont.										
Con IV	lot 5	OWRC River Basin Research	F.E. Johnston Drilling Co. Ltd.	June 2, 1965	7			11	Fresh	T Medium to fine reddish brown sand 10; medium to fine brownish grey sand 20; reddish silty clay 30; medium to coarse brownish grey sand 35; medium sand 50; fine sand 60; very fine sand 70; brown clayey silt stones 75; clay silt 95; silt 105; silty clay 120; silty clay stones 125; silty clay 175; clay 180; silty clay 225; clay 230; silty clay 240; silty clay pebbles 295; silty clay 300; silty clay pebbles 312; shale 318. Water from 310 to 313.
Con IV	lot 8	J. Rendulich	H. Johnson	Mar. 23, 1967	36	3		10	"	D Sand 4; brown clay 10; silt 23. Water at 10.
Con IV	" 13	OWRC Becker Park	R. Hodgson	Mar. 23, 1965	6 1/2	7		11	"	T Topsoil 1; yellow sand 4; brown sand 16; grey sand 18; coarse brown sand 24; fine grey sand 32; medium dark sand 47. Water from 18 to 24 and from 32 to 47.
Con IV	" 13	"	"	Apr. 9, 1965	7	15	20	11	"	T Topsoil 1; yellow sand 6; brown sand 16; grey sand 18; coarse brown sand 24; fine yellow sand 36; medium sand 50; grey sand 59; putty sand 61; red clay 65; scupy sand 70; red clay 84; putty sand 128; putty sand 186; red clay 190; putty sand 225; sand clay 246; putty sand 257; sand clay 278; red clay 298; white limestone 309. Water at 302.
Con V	" 12	G.L. Townsend	"	Apr. 17, 1964	5	6	35	29	"	D,S Dug well 14; brown sand 30; coarse sand 40. Water from 30 to 40.
Con VI	" 7	C. Beernaert	R. McKenzie	Mar. 17, 1966	1 1/2	3		12	"	D,S Topsoil 1 1/2; brown sand 5; brown clay 7; brown sand 23. Water at 12.
Con VI	" 8	"	Hadco Well Digging Co.	Oct. 20, 1965	30	1		14	"	D Topsoil 2; brown sand 5; brown quicksand 20. Water from 15 to 20.
Con VI	" 13	S. Day	J. Weaver & Son	Nov. 10, 1964	1 1/2	5		10	"	D Open well 16; quicksand 23. Water at 10.
Con VI	" 15	R. McDowell	W.A. Belore	May 8, 1967	1 1/2	15		4	"	D Dark sand 1; red sand 5; marrow 7; sand 19. Water from 7 to 19.
Townsend Twp.										
Con I	lot 5	T. Arther	H. Johnson	Apr. 7, 1966	36	10	8	6	Fresh	D Brown sandy loam 5; medium fine sand 17. Water at 6.
Con I	" 8	R. Westbrook	J. Stefan	Sep. 8, 1967	4	4	40	17	"	D Soft sand 8; fine gravel 11; stony clay 39; light dark grey rock 60. Water at 60.
Con I	" 13	H. Nelles	R.W. Swayze	Sep. 5, 1967	6	4	150	2	Mineral	S Clay 40; quicksand clay 60; blue clay 124; shale brown limestone 160. Water at 157.
Con I	" 16	S. Holowatyj	Bealton Well-Digging	Nov. 25, 1967	36	1/2		11	"	S Topsoil 2; brown clay sand 4; blue clay 8.
Con I	" 19	J. Ruesyn	E. Stewart	Mar. 18, 1964	5	10	40	30	Fresh	D Blue clay 102; brown limestone 118; brown limestone gypsum 121. Water at 120.
Con II	" 6	J. McDonald	"	Aug. 30, 1966	5	30	24	18	"	D Sandy loam 27; blue clay 39; quicksand 70; blue hard clay 78; grey limestone 117. Water at 116.
Con II	" 6	K. Rush	R. McKenzie	Sep. 12, 1967	4	7	21	16	"	D Backfill 4; clay 14; gravel 16; grey clay 24; brown sand 25; grey sand 27; grey clay 34; clay stones 43; grey medium sand 52. Water at 43.
Con II	" 6	R. Jackson	"	Sep. 20, 1967	4	6	25	21	"	D Open well 22; brown sand 53. Water at 22.
Con III	" 1	D. Danyluk	R. Swayze	June 30, 1964	6 1/2	10	45	5	"	D Clay stones 70; flint 90; grey limestone 100. Water at 97.
Con III	" 1	W. Hreczywski	R. Dennis	Oct. 1, 1967	5	6	8	6	"	D Brown sand 15; grey clay sand 20; quicksand 30; clay gravel 56; gravel 61. Water at 21.
Con III	" 1	S. Tokarz	"	Oct. 10, 1967	5	10	9	5	"	D,S Old well 10; brown sand 21; quicksand 45; coarse gravel 54. Water at 50.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depth to which formations extend below the surface are given in feet)										
NORFOLK COUNTY - cont.										
Townsend Twp. - cont.										
Con III lot 1	S.Tokarz	R.Dennis	Oct.10,1967	5	10	9	5	Fresh	D,S	Old well 10;brown sand 21;quicksand 45;coarse gravel 54. Water at 50.
Con III " 6	J.Burski	R.McKenzie	July 27, 1964	4	1				D	Topsoil 1;yellow sand stones 5;brown sand stones 11;stones 14;brown muddy sand 16;brown sand 19;brown sand stones 22; gravel 23;brown sand stones 24;brown muddy sand 30;grey clay stones 44. Water at 22 and 28.
Con III " 6	"	"	Aug.19,1964	1 1/2	3		19	Fresh	D	Sand stones 16;small stones 17;quicksand 19;brown muddy sand 22;gravel 24;brown sand clay lumps 26. Water at 22.
Con III " 6	K.Riddle	H.Johnson	Feb.17,1967	36	3		15		D	Sand 15;clay stone 23;sand stone 38;hard clay. Water at 23.
Con III " 6	L.E.Bergman	R.McKenzie	Sep. 9,1967	4	3	25	21	"	D	Fill 3;yellow sand 6;clay sand 21;stones 22;clay 33;medium sand 40. Water at 33.
Con III " 9	M.Depner	R.Hodgson	May 25,1964	3	10	29	25	"	D	Clay 2;clay stones 10;sand 30;gravel sand 37. Water from 30 to 37.
Con III " 10	C.Wheaton	W.Packham	Oct. 2,1964	6 1/2	20	60	26	"	D	Sandy loam clay stones gravel 35;bedrock 85. Water at 82.
Con III " 10	M.Sherlock	Bealton Well Digging	June 2,1967	36	2		5	"	D	Topsoil 1;brown sand 4;grey sand 23. Water from 5 to 23.
Con III " 12	H. Nelles	R.W. Swayze	Oct.28,1966	6 1/2	12	17	16	"	D	Blue clay 30;flint 38. Water at 35.
Con III " 12	H.Burtch	"	Sep.27,1966	6 1/2	25	20	20	"	D	Clay gravel 5;blue clay 30;sand gravel clay 38;flint 43. Water at 41.
Con III " 19	H.Frank	Bealton Well Digging	Aug.11,1967	36	1		16	"	D	Clay 53;grey fine sand 63. Water at 53.
Con III " 24	C.Giles	E.Stewart	Sep.15,1966	5	20	16	16	"	D,S	Yellow hard clay 75;blue clay 84;grey limestone 86. Water at 86.
Con III " 24	D.Anderson	Bealton Well Digging	Nov.18,1966	30	2		15	"	D,S	Hard blue clay 65;soft silty clay 72;gravel sand 72. Water from 65 to 72.
Con IV " 2	J.Dougherty	S.Linton	Apr.14,1965	1 1/2	8	8	8	"	D	Open dug well 10;fine sand 22. Water at 10.
Con IV " 3	W.Tanchok	"	Apr.28,1965	1 1/2	10		Flows	"	D,S	Open well 14;very fine sand 44;sand gravel 49;limestone 50. Water at 7.
Con IV " 7	S.Burnack	R. Swayze	July 14,1967	6 1/2	2	34	14	"	D	Stones sand 38. Water at 36.
Con IV " 7	E.Drozdzowsky	"	Oct. 9,1967	6 1/2	25	25	14	"	D	Clay boulders 20;blue clay gravel 48;flint 55. Water at 51.
Con IV " 12	G.Storms	R.McKenzie	Dec.13,1966	5	8	22	1	"	D	Open hole 12;grey clay 31;brown rock 36. Water at 36.
Con IV " 13	G.Shav	R.Swayze	May 28,1964	6 1/2	30	10	6	"	D,S	Clay gravel 29;flint 35. Water at 32.
Con IV " 21	C.Vassenyi	Bealton Well Digging & Const.	Dec. 9,1967	36			20	"	D,S	Brown clay 14;blue clay 52;sand 52 1/2. Water at 52.
Con V " 13	H.Diakun	R.Swayze	Oct.13,1967	6 1/2	25	20	12	"	D	Clay 40;flint 48. Water at 47.
Con V " 17	S.Zadorozny	"	Nov.23,1966	6 1/2	5	50	5	"	S	Blue clay 42;brown limestone 55. Water at 52.
Con V " 18	H.Stadnik	"	Jan.18,1964	6 1/2	6	70	19	"	D,S	Clay 48;limestone 80. Water at 65.
Con V " 19	M.Pomich	E.Mitchell	July 7,1967	6 1/2	4	85	12	"	S	Clay 30;soupy clay 55;brown limestone 88. Water at 62 and 86.
Con VI " 5	M.Bozek	"	July 10,1967	8 1/2	100	40	11	"	N	Gravel 10;gravel sand 20;sand 40;sand 52;clay. Water from 20 to 40 and from 40 to 52.
Con VI " 5	"	"	July 12,1967	8 1/2	20	35	11	"	N	Gravel sand 20;sand 40. Water from 30 to 40.
Con VI " 6	A. Porz	"	Mar.14,1967	5	5	40	40	"	D,S	Sand clay 25;sand 52. Water at 50.
Con VI " 6	"	"	June 23,1967	8	200	23	10 1/2	"	Ir	Sand 17;sand 47. Water from 17 to 47.
Con VI " 7	Z.Kostuck	T.VanKessel	Feb.16,1964	2	10	55	58	"	D	Open well 58;coarse sand 65. Water at 55.
Con VI " 11	H.Breen	S.Linton	Jan.10,1964	1 1/2	6		24	"	D,S	Open well 25;large stones gravel 29;fine sand 31 1/2. Water at 24.
Con VI " 12	G.Ciona	R.Swayze	Jan. 8,1965	6 1/2	2	70	52	"	D	Sandy loam 20;stones blue clay 48;flint 62;grey limestone 75. Water at 68.

NORFOLK COUNTY -cont.  
Townsend Twp.-cont.

Con VI	lot 14	A.Handzuik	R.Swayze	Sep.24,1965	6 1/2	15	40	14	Fresh	S	Blue clay 40;flint 55;grey limestone 85. Water at 83.
Con VI	" 15	J.Steel	"	Feb.27,1964	6 1/2	3	85	9	Sulphur	S	Clay 31;flint 48;limestone 90. Water at 35.
Con VI	" 16	E.Schwan	"	Oct. 2,1967	6 1/2	25	25	17	Fresh	S	Clay 30;flint 40. Water at 35.
Con VI	" 19	S.Chary	E.Stewart & Son	June 7,1966	7	10	27	4	Sulphur	D,S	Blue clay 60;brown limestone 90;brown limestone shale 120. Water at 110.
Con VI	" 21	G.Huffman	R.Swayze	Aug.28,1965	6 1/2	20	35	35	Fresh	D	Clay 21 1/2;flint 50;grey limestone 85. Water at 82.
Con VII	" 1	F.Paludi	E.Mitchell	June 26,1967	8	175	25	0	"	Ir	Sand clay 6;fine sand 40;grey clay 42. Water from 7 to 40.
Con VII	" 2	S.Sarafinchin	R.McKenzie	Jan.24,1964	4 1/2	6	30	25	"	D	Open hole 14;brown sand 19;boulders 21;brown sand 33;grey clay 37;soupy sand 85;hard clay 95;rock 104. Water at 14 and 104.
Con VII	" 2	R.Stickles	R.Hodgson	Apr.14,1964	4	6	60	21	"	D,S	Topsoil 2;clay sand 28;sand boulders 35;grey sand 60; soupy sand 98;clay 100;gravel 104;limestone 105. Water at 105.
Con VII	" 5	A.Frystak	"	Feb.25,1964	4	5	70	35	"	D,S	Dug well 30;soupy sand 77;clay sand 105;shell rock 111. Water at 111.
Con VII	" 7	G.Hall	R.Swayze	June 11,1965	6 1/2	15	112	48	"	D	Sand 142;flint 152. Water at 150.
Con VII	" 12	N.Goble	Bealton Well Digging	Nov.13,1967	36	3		26	"	S	Sandy clay 43. Water at 26.
Con VII	" 17	F.Zandstra	R.Swayze	Nov.25,1965	6 1/2	5	40	20	"	D	Yellow clay 20;blue clay 33;flint 46. Water at 43.
Con VII	" 19	S.Dwornik	"	Jan. 6,1964	6 1/2	3	50	22	"	D,S	Clay 27;flint 58. Water at 55.
Con VIII	" 2	V.Church	R.Hodgson	July 20,1965	4	20			Flows	D	Topsoil 1;clay 6;soupy sand 35;clay sand 40;soupy sand 93;clay 96;soupy sand 102;clay 103;gravel 105. Water at 103.
Con VIII	" 4	Waterford PUC	International Water Supply Ltd.	Dec. 7,1964	16	510	14	4	"	P	Sandy clay 4;silt 7;silty sandy clay 14;gravel sand 20; fine gravel sand 35;clay. Water at 20 and 35.
Con VIII	" 11	Burford Fertilizers Ltd.	R.Swayze	Jan.26,1965	6 1/2	15	55	19	"	In	Clay 30;sandy clay 70;blue clay 100;flint 125. Water at 122.
Con VIII	" 13	Townsend Twp. School Area	"	Apr. 5,1965	6 1/2	25	35	14	Sulphur	P	Clay 68;flint 90;grey limestone 120. Water at 117.
Con VIII	" 18	R.Anderson	"	July 15,1964	6 1/2	12	30	19	"	D	Clay 22;flint 50;grey limestone 80. Water at 78.
Con VIII	" 18	C.Fau	"	June 19,1965	6 1/2	7	67	18	"	D	Clay 23;flint 50;grey limestone 70. Water at 67.
Con VIII	" 18	E.Muttart	E.Mitchell	Aug.30,1966	6 1/2	3	35	10	"	D	Clay shale 3;limestone 8;flint 40. Water at 38.
Con IX	" 1	Ont.Dept of Highways	Warren Water Wells	June 12,1965	6 1/2	7	6 1/2	6	Fresh	P	Yellow clay 12;grey putty sand 24;coarse sand 31;fine gravel 34. Water from 24 to 34.
Con IX	" 3	G.Chanyl	T.VanKessel	Mar.25,1966	1 1/2	30	13	13	"	D,S	Topsoil 2;hard brown clay hardpan 13;coarse gravel 19. Water at 13.
Con IX	" 6	W.Zdriluk	W.Belore	June 8,1965	1 1/2	4		16	"	D	Red sand 5;fine sand 10;grey sand 18;coarse sand 28. Water at 18.
Con IX	" 6	B.Swick	R.Swayze	Dec.16,1966	6 1/2	18	10	14	"	D	Sandy loam 12;hardpan stones 15;grey sand clay 50;coarse sand 53. Water from 50 to 53.
Con IX	" 6	D.Hoghes & C.J.Olszowka	P.V.K.&Sons	June 25,1964	2	17		10	"	D	Brown sand 1;coarse sand 26. Water at 10.
Con IX	" 7	L.Hallewyn	"	Aug. 8,1964	2	500		16	"	Ir	Topsoil 1;sand 32. Water at 16.
Con IX	" 8	A.Ludwig	T.VanKessel	July 28,1966	2	50	18	18	"	D,S	Topsoil 2;fine grey sand 10;sand 27. Water at 18.
Con IX	" 10	Townsend Twp. School area	R.Swayze	May 27,1965	6 1/2	20	22	22	"	P	Sandy loam 15;yellow sand 40;sand gravel 46. Water from 40 to 46.
Con IX	" 12	H.Beaslip	"	July 31,1965	6 1/2	2	75	64	Sulphur	D	Sandy clay 40;blue clay 63;flint 80. Water at 77.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont.										
Townsend Twp. - cont.										
Con IX lot 18	W. McKenzie	R. Swayze	Aug. 28, 1964	6 1/2	3	30	7	Sulphur	D	Clay 2; flint 40; limestone 45. Water at 42.
Con IX " 22	N. Galer	"	July 24, 1967	6 1/2	20	25	20	"	D, S	Deepening well limestone 77. Water at 74.
Con X " 2	R. VanDenHeede	E. Stewart & Son	Feb. 21, 1967	5	60	25	12	Fresh	D, S	Coarse sand loam 29. Water from 15 to 29.
Con X " 2	"	"	Apr. 5, 1967	4	200	25	12	"	Ir	Coarse sand loam 45; blue clay 48. Water at 45.
Con X " 11	J. DeCroos	R. Swayze	Aug. 13, 1965	6 1/2	8	85	7	"	D	Grey clay 104; flint 130. Water at 127.
Con X " 14	T. Zandville	E. Mitchell	June 22, 1964	6 1/2	20	50	20	"	D	Grey clay 65; brown limestone 72. Water at 69.
Con X " 14	C. Crane	R. Swayze	Oct. 28, 1965	6 1/2	3	100	15	Sulphur	D	Grey clay 50; flint 107. Water at 105.
Con X " 22	G. North	"	Sep. 26, 1967	6 1/2	20	13	13	Fresh	D, S	Clay 12; flint 32. Water at 29.
Con XI " 3	E. Elliot	R. Hodgson	Dec. 2, 1965	4	5	37	29	"	D	Sand 7; clay sand 40; sand gravel 43. Water from 40 to 43.
Con XI " 4	T. Duesling	R. Swayze	Jan. 5, 1966	6 1/2	30	28	28	"	D	Clay loam 20; blue clay 52; fine sand 60; blue clay 139; gravel 142. Water at 142.
Con XI " 4	E. Doherty	"	Sep. 4, 1966	6 1/2	35	37	37	"	D	Clay loam 20; blue clay 52; fine sand 65; blue clay 143. Water at 146.
Con XI " 21	G. Howard	"	Feb. 10, 1964	6 1/2	1	46	25	"	D	Clay 25; flint 48. Water at 46.
Con XII " 3	H. Howard	R. McKenzie	Mar. 17, 1964	4	7	45	39	"	D, S	Topsoil 2; brown sand 24; grey sandy clay 26; grey putty sand 46; grey coarse sand 53; grey clay 57. Water at 48.
Con XII " 3	F. Buchner	S. Linton	Feb. 16, 1965	1 1/2	10		15	"	D, S	Open dug well 21; fine sand 56; gravel 60. Water at 56.
Con XII " 9	L. Elliott	R. Swayze	Dec. 31, 1966	6 1/2	1	175	50	Sulphur	S	Sandy clay 40; blue clay 142; flint 180. Water at 155.
Con XII " 12	P. Hall	Bealton Well Digging	Oct. 24, 1967	36	44		15	Fresh	D	Grey clay 45. Water at 35.
Con XII " 13	D. Lingwood	R. Swayze	July 8, 1965	6 1/2	30	43	43	Sulphur	D	Sand 20; sandy clay 50; blue clay 71; flint 91. Water at 88.
Con XII " 17	W. McEown	"	Nov. 9, 1965	6 1/2	3	90	36	Fresh	S	Clay 28; flint 95. Water at 55.
Con XIII " 3	R. Newland	"	July 30, 1964	6 1/2	3 1/2	100	30	Sulphur	D	Sand 4; blue clay 170; flint 180. Water at 177.
Con XIII " 3	J. Cloet	E. Stewart	Aug. 11, 1966	7			65	"	Ir	Yellow loam sand 25; blue clay 47; quicksand 150; blue hard clay 170; hard grey limestone 190; soft light grey limestone 210; brown hard limestone 258; soft light grey limestone 272; brown limestone 320; brown limestone shale mixture 360. Water at 190, 235 and 260.
Con XIII " 4	W. Maxwell	Hadco Well Digging Ltd.	Dec. 1, 1966	5	10	65	34	Sulphur	D	Topsoil 1; brown clay 31; blue clay 46; sand 52; blue clay stones 170; rock 190. Water at 190.
Con XIII " 4	J. Cloet	E. Stewart & Son	June 14, 1967	7	350	275	65	"	Ir	Previously dug 360; hard brown limestone 420; hard brown limestone shale mixture 480; hard brown limestone 570; brown limestone shale mixture 630; brown limestone 655; soft grey limestone 660. Water from 360 to 660.
Con XIII " 8	A. Malo	R. Dennis	Apr. 14, 1967	5	6	20	16	Fresh	D	Black fill 6; brown sand 36; grey sand 49. Water from 36 to 49.
Con XIII " 21	W. Chesquiere	E. Mitchell	Jan. 15, 1967	6 1/2	6	50	25	Sulphur	D, S	Grey clay 53; flint 60. Water at 58.
Con XIV " 5	J. Malo	R. McKenzie	Mar. 1, 1966	4	4	60	30	Fresh	D	Topsoil 1 1/2; gravel 3; brown sand 16; very fine grey sand 32; grey clay 33; grey putty sand 70; grey clay 122; putty sand 140; grey clay 159; limestone 164. Water at 164.
Con XIV " 6	T. Cleaver	T. VanKessel	Feb. 10, 1964	2	30	20	20	"	D, S	Topsoil 3; sand 15; hard clay 22; fine sand 29. Water at 20.
Con XIV " 6	Horticultural Station,	R. McKenzie	Feb. 5, 1966	4			1	"	T	Black muck 2; brown sticky sand 6; medium brown sand 10; fine brown sand 25. Water at 2.
Con XIV " 11	O. Grau	R. Swayze	Apr. 12, 1967	6 1/2	30	25	16	"	D, S	Clay 75; flint 105. Water at 102.
Con XIV " 15	W. West	G. A. Dennis & Sons	Apr. 8, 1966	5	3	80	80	Fresh	D	Brown clay 25; grey clay 60; flint 114. Water at 112.
Con XIV " 16	J. Pennema	R. Swayze	Aug. 3, 1967	6 1/2	25	57	57	Sulphur	S	Previously drilled 85; flint 130. Water at 65.

NORFOLK COUNTY -cont.  
Windham Twp. - cont.

Con I	lot 1	S.Kominski	R.Dennis	Dec.29,1967	5	5	54	17	Fresh	D	Brown sand 40;grey sand 61. Water from 45 to 60.
Con I	" 3	W.Takacs	E.Stewart	Oct.12,1966	5						Sandy loam 30;clay gravel particles 45;quicksand 80;blue clay 93;hard limestone 102;clay gravel fine sand mixture 125.
Con I	" 4	P.Bapy	P.V.K. & Sons	May 27,1967	2	450		9	Fresh	Ir	Topsoil 1;fine sand 12;sand 32. Water at 9. 8 points tied in.
Con I	" 7	W.Wagnaar	T.VanKessel	June 18,1965	7	45	11	11	"	D	Topsoil 2;brown sand 6;medium sand 11;coarse sand 19. Water at 11.
Con I	" 12	J.Kosis	H.Johnson	July 8,1965	36	30	10	6	"	Ir	Sandy loam 6;coarse sand stone 15. Water at 6.
Con II	" 5	T.Kwasniak	J.Weaver & Son	Mar.17,1964	1 1/2	8		25	"	D,S	Open well 25;brown quicksand 44. Water at 25.
Con II	" 17	J.Malcolm	H.Wood	May 5,1966	5	7	4	2	Sulphur	P	Red clay 15;blue clay 72;gravel 73 1/2;blue clay 102;limestone 137. Water at 72, 104 and 136.
Con II	" 19	G.Frew	"	Nov. 5,1965	5	15	48	48	Fresh	S	Dug well 30;grey clay 45;fine sand 65;quicksand 125;grey clay 138;limestone 142. Water at 141.
Con III	" 2	M. Knox	"	Jan.22,1964	5	6	16	16	"	D,S	Yellow sand 5;clay 35;quicksand 65;silt 95;hardpan 100;rock 109. Water at 109.
Con IV	" 22	R.Clement	"	Sep. 9,1965	5	15	14	14	"	S	Yellow sand 6;grey clay 41;quicksand 123;hardpan 125;limestone 128. Water at 127.
Con V	" 7	Vanessa Park	R.Hodgson	May 4, 1965	7			16		T	Yellow sand 9;gravel stones 12;yellow sand 15;grey coarse sand 22;coarse sand 61;gravel sand 64;grey clay 66;putty sand 108;gravel sand 110;putty sand 116;grey clay sand 121;hard gravel 131;white limestone 139. Water from 121 to 131.
Con VII	" 7	J.Underhill	T.VanKessel	Aug.20,1965	1 1/2	42	10	10	Fresh	D	Topsoil 2;fine yellow sand 10;fine sand 18. Water at 10.
Con VII	" 11	B.Demsey	"	Mar.17,1964	2	20	28	27	"	D,S	Open well 27;hardpan 28;fine sand 39. Water at 27.
Con VII	" 12	W.Cunningham	E.Stewart	May 27,1964	6 1/2	10	45	40	"	D,S	Sandy loam 18;yellowish clay 40;quicksand 96;blue clay 153;brown limestone 190. Water at 16 and 165.
Con VII	" 15	F.Takacs	H.Wood	Mar.29,1965	5	12	30	30	"	D,S	Yellow sand 30;quicksand 70;putty sand 85;clay stone 129;grey rock 132. Water at 132.
Con VII	" 24	Our Lady of LaSalette School	R.McKenzie	Sep.15,1965	2	10		7	"	P	Topsoil 2;yellow sand 6;clay 8;brown sand 11;clay 12;grey fine sand 26. Water at 12 and 18.
Con VIII	" 3	E.Gevaert	T.VanKessel	Nov.30,1967	1	10	10	8	"	D	Topsoil 2;coarse sand 3;sand 20. Water at 10.
Con VIII	" 4	J.Botscheller	"	Oct.11,1965	1 1/2	5	8	8	"	D,S	Topsoil 2;fine sand 8;coarse sand 16. Water at 8.
Con VIII	" 19	A.Keirsebilck	H. Wood	Mar.12,1965	5	12	25	25	"	D,S	Clay stone 50;quicksand 90;putty sand 110;hardpan 136;clay gravel 139;rock 145. Water at 145.
Con IX	" 4	K.Merridith	R.McKenzie	Apr. 7,1966	4	4	22	2	"	D	Topsoil 2;brown sand 5;grey clay 35;brown sand 40. Water at 35.
Con IX	" 11	R.Renn & Son	T.VanKessel	July 4,1967	2	60	11	6	"	Ir	Topsoil 2;yellow sand 6;fine grey sand 15. Water at 6, 3 points tied in.
Con IX	" 14	A.Vandeweghe	E.Mitchell	Mar.10,1967	8 1/2	390	135	20	"	Ir	Clay sand 100;clay 168;limestone 216. Water at 177.
Con IX	" 18	G.Samon	W. Belore	Apr.13,1965	1 1/2	6		6	"	D	Well pit 4;brown sand 8;fine sand 27. Water at 8.
Con IX	" 24	O.VanDenBeede	R.Hodgson	Feb.18,1964	1 1/2	8		24	"	D,S	Topsoil 2;yellow sand 6;sand gravel 15;sand 24;coarse sand 32.
Con X	" 1	J.Cloet	E.Stewart	July 26,1965	8	400	125	60	"	Ir	Sandy loam 20;sand loam 40;quicksand 100;blue clay 145;hard blue clay hardpan 155;brown limestone 180;brown limestone 195;shale brown limestone gypsum mixture 230;brown limestone gypsum 270;brown limestone 363. Water at 185 and 308.
Con X	" 6	M.Broer	R.Hodgson	Dec. 9,1964	4	8	24	22	Fresh	D	Dug well 5;sand 30;coarse sand 36. Water from 30 to 36.
Con X	" 22	J.Krupicz	Warren Water Wells	Apr.25,1965	5	1 1/2	56	40	"	D,S	Yellow sand 24;clay stones 35;fine sand 51;grey sand 56. Water at 51.
Con X	" 23	R.Debuschere	J.Weaver & Son	Feb.22,1964	1 1/2	8		21	"	D	Topsoil 1;yellow sand 5;white sand 12;blue clay 18;stony hardpan 21;blue quicksand 33. Water at 21.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations entered below the surface are given in feet)
NORFOLK COUNTY - cont.										
Windham Twp. - cont.										
Con XI lot 5	M. Cygan	T. VanKessel	May 2, 1966	1 1/2	8	15	15	Fresh	D, S	Topsoil 2; hard brown clay 15; medium sand 26. Water at 18.
Con XI " 6	J. Lepp	E. Mitchell	July 20, 1967	8 1/2	200	40	20	"	Ir	Sand clay 33; sand gravel 67. Water at 33.
Con XI " 7	G. Dixon	W. Belore	Feb. 1, 1964	1 1/2	5	24	24	"	D	Open hole 8; clay 35; sand 40; sand 54. Water at 40.
Con XI " 7	W. Lepp	P. V. K. & Sons	Apr. 27, 1967	2	80	10	10	"	Ir	Topsoil 1; brown sand 10; sand 30. Water at 10.
Con XI " 8	L. Auld	R. McKenzie	Dec. 18, 1967	4	4	37	34	"	D	Pill 4; yellow sand 12; grey sandy clay 37; putty sand 56; clay 59; fine grey sand 63; coarse sand 68. Water at 59.
Con XI " 10	P. Kurzyrna	T. VanKessel	Nov. 2, 1966	1 1/2	30		4	"	S	Topsoil 2; fine sand 12; brown clay 18; medium sand 25. Water at 4 and 18.
Con XI " 14	N. Benko	S. Linton	Aug. 9, 1965	1 1/2	30	8	6	"	D	Open pit 4; fine sand 16; coarse sand 23; fine sand 25. Water at 6.
Con XI " 22	S. VanPameale	R. McKenzie	July 4, 1967	4	8	14	36	"	D	Topsoil 2; gravel stones 18; brown sand 39; medium brown sand 57. Water at 38.
Con XI " 22	K. Wezol	J. Weaver & Son	Mar. 11, 1964	1 1/2	4		27	"	D	Topsoil 1; brown clay 5; white sand 20; coarse gravel 22; white sand 32; white quicksand 47. Water at 32.
Con XI " 22	R. Poypa	R. Hodgson	June 5, 1964	5	7	36	34	"	D	Pill 4; grey sand 18; hardpan 35; gravel sand 38; clay 39; gravel sand 49. Water from 39 to 49.
Con XI " 22	G. Nichols	W. A. Belore	July 29, 1964	1 1/2	4		25	"	D	Fine dark sand 3; medium gravel 19; brown sand 25; grey sand 29; medium sand 46. Water at 29.
Con XI " 22	A. Besselaere	R. Hodgson	Oct. 28, 1965	4	8	36	32	"	D	Sand 6; gravel 12; sand 17; silty sand 42; brown sand 50. Water from 42 to 50.
Con XI " 22	P. VanderHeyden	R. McKenzie	Nov. 19, 1967	2	4		18	"	D	Pill 14; yellow sand 33; medium sand 48. Water at 33.
Con XI " 22	H. Jenkins	"	Nov. 28, 1967	4	6	32	30	"	D	Pill topsoil 1; yellow sand 14; grey clay 33; medium sand 48; clay. Water at 33.
Con XIII " 1	R. Weber	T. VanKessel	Aug. 28, 1964	1 1/2	50		6	"	S	Topsoil 3; hard brown clay 6; blue clay 21; coarse sand 29. Water at 21. Two points tied in.
Con XIII " 2	V. Lasanowski	E. Mitchell	July 14, 1967	8 1/2	200	32	16 1/2	"	Ir	Sand clay 17; sand 40; gravel 42; sand 50. Water from 17 to 40 and from 40 to 50.
Con XIII " 9	W. Smith	R. McKenzie	June 17, 1965	1 1/2	5	16	14	"	D	Open hole 4; yellow sand 9; grey clay 11; brown sand 14; brown coarse sand 23. Water at 14.
Con XIII " 10	"	T. VanKessel	July 10, 1964	1 1/2	12		19	"	D, S	Yellow sand 10; medium sand 19; very fine sand 29. Water at 19.
Con XIII " 1	J. Herenwynen	"	Aug. 6, 1964	2	6		24	"	In	Coarse sand 31. Water at 24.
Con XIII " 1	P. Hackman	"	Nov. 22, 1966	2	40	16	16	"	D	Topsoil 2; hard clay 6; coarse gravel 10; hardpan gravel 13; gravel 26. Water at 16.
Con XIII " 2	C. Woolley	R. McKenzie	Apr. 19, 1966	4	9	39	31	"	D, S	Topsoil 1 1/2; sand stones 8; brown medium sand 30; brown coarse sand 49. Water at 31.
Con XIII " 3	Cayuga Quarries	T. VanKessel	Apr. 20, 1967	2	25	28	28	"	C	Topsoil 1; yellow sand 3; coarse gravel 4; fine sand 18; coarse gravel stone 20; coarse sand 29; coarse gravel 36. Water at 25.
Con XIII " 9	L. Paczay	"	Dec. 21, 1966	2	5		24	"	D	Topsoil 2; fine sand 15; hard clay 24; fine sand 30. Water from 27 to 30.
Con XIII " 9	"	Bealton Well Digging & Constr	Dec. 12, 1967	36	4 1/2		10	"	D	Yellow sand 8; fine sand brown clay 14; fine sand 24; blue clay sand 25. Water at 14.
Con XIII " 9	"	R. Swayze	Nov. 24, 1967	6 1/2				"		Sand 8; yellow clay 35; sandy clay 40; blue clay 50. Dry hole.
Con XIII " 9	"	"	Nov. 22, 1967	6 1/2				"		Sand 18; yellow clay 40; blue clay 100. Dry hole.
Con XIII " 12	J. Tarr	T. VanKessel	Apr. 28, 1966	1 1/2	15	7	7	Fresh	D	Topsoil 3; fine brown sand 7; fine grey sand 16. Water at 7.
Con XIII " 12	"	"	Aug. 11, 1966	2	40	4	4	"	In	Very fine sand 15. Water at 4.
Con XIII " 13	"	"	Mar. 29, 1967	2	30		6	"	In	Topsoil 2; fine sand 6; medium sand 18. Water at 7.
Con XIII " 13	"	"	Sep. 21, 1967	1 1/2	40	8	8	"	D	Topsoil 2; fine sand 6; hard medium sand 8; fine sand 16. Water at 8.



## NORFOLK COUNTY - cont.

Windham Twp. - cont.

Con XIII	lot 14	G. Atkinson	S. Linton	Feb. 14, 1964	1 1/2	25		8	Fresh	D	Basement 5; fine sand 11; medium sand 25. Water at 8.
Con XIII	" 24	J. DeCook	Cole Water Wells	Apr. 7, 1965	5	2	35	23	"	S	Yellow sand 6; fine gravel 20; yellow sand 39; sand 44. Water from 39 to 43.
Con XIV	" 6	B. Howe	T. VanKessel	May 5, 1964	1 1/2	10		18	"	D	Fine sand 18; fine sand 25. Water at 18.
Con XIV	" 6	"	"	May 7, 1964	1 1/2	20	15	14	"	D	Topsoil 3; medium sand 26. Water at 17.
Con XIV	" 6	A. Thomas	"	Apr. 27, 1965	1 1/2	20	20	20	"	D	Fine sand 20; medium sand 27. Water at 20.
Con XIV	" 13	D. Lecluyse	Warren Water Wells	Mar. 10, 1967	5	25	12	6	"	D	Topsoil 2; yellow sand 30; grey sand 38. Water at 38.
Con XIV	" 16	J. Weis	W. Belore	Apr. 26, 1965	1 1/2	8		6	"	D, S	Red sand 4; brown sand 6; coarse sand 25. Water at 6.
Con XIV	" 16	D. Morrison	R. McKenzie	Mar. 30, 1966	1 1/2	6		14	"	S	Open pit 5; brown sand 23. Water at 14.
Con XIV	" 18	J. Horvagh	T. VanKessel	May 31, 1966	1 1/2			5	"	T	Topsoil 2; fine sand 10; fine sand 15. Water at 10.
Con XIV	" 24	I. Booker	W. Burwell	May 10, 1967	1 1/2	10		4	"	D	Red sand 12; sand 17. Water at 12.
Woodhouse Twp.											
BF	lot 1	W. Cookson	R. Hodgson	Mar. 12, 1965	5	1 1/2	133	45	Fresh	D	Red clay 25; blue clay 46; soupy clay sand 95; clay 110; soupy clay 121; clay 123; fine gravel sand white limestone 133. Water at 123.
BF	" 2	Potass S.S. 15	T. VanKessel	Nov. 10, 1966	1 1/2	10		10	"	F	Fine sand 19. Water at 10.
BF	" 3	W. Moore	H. Johnson	Aug. 3, 1966	3 1/2	3	15	12	"	D	Black loam 1; brown clay 10; fine grey silt 21. Water at 10.
Con I	" 1	A. Wells	Cole Water Wells	May 27, 1965	5	4	36	25	"	D	Yellow sand 10; dirty gravel sand 37; gravel sand 44. Water from 37 to 44.
Con I	" 1	J. Sheppard	R. Hodgson	June 28, 1965	2	60		17	"	Ir	Dug well 5; grey sand 14; gravel sand 25; coarse sand 32. Water from 26 to 32.
Con I	" 3	O. Roesch	R. Swayze	Nov. 15, 1966	6 1/2	1 1/2	100	20	"	D	Yellow sand 9; blue clay 60; blue clay sand mixed 140; yellow clay 151; limestone 160. Water at 151 1/2.
Con I	" 4	S. Marinuk	E. Stewart	Apr. 13, 1967	4	5	90	18	"	D, S	Fine sand loam mixture 18; hard blue clay 92; fine sand quicksand 100. Water from 92 to 100.
Con I	" 15	L. Burkholders	E. Mitchell	May 28, 1965	6 1/2	10	50	45	Sulphur	D	Grey clay 72; brown limestone 92; flint 125. Water at 88 and 124.
Con I	" 20	J. Carnegie	E. Stewart	Nov. 11, 1966	5	5	36	36	"	D	Hard yellow clay 47; hard flint 76. Water from 75 to 76.
Con I	" 24	G. Jaciw	E. Mitchell	June 12, 1967	6 1/2	4	30	21	"	D	Clay 31; brown limestone 35; flint. Water at 33 1/2.
Con II	" 1	D. DeCoutere	T. VanKessel	Mar. 24, 1964	2	20	30	30	Fresh	D, S	Open well 30; fine sand 37. Water at 30.
Con II	" 1	M. Selby	"	June 17, 1965	2	10	31	31	"	D	Topsoil 3; fine sand 10; medium sand 18; coarse gravel 30; medium gravel 36. Water at 30.
Con II	" 1	G. Roberts	S. Linton	June 18, 1966	1 1/2	8	8	28	"	D	Basement 5; fine sand 28; coarse sand fine gravel 35; blue clay. Water at 28.
Con II	" 2	W. Roberts	"	Jan. 27, 1967	1 1/2			18	"		Yellow sand 3; white sand small gravel 6; coarse sand 20; large stones shale 21; fine hard sand clay 32; hard sand 36; fine sand 40; blue clay 40. Water from 36 to 40.
Con II	" 2	"	E. Stewart & Son	Apr. 28, 1967	5	10	144	33	Fresh	D	Sandy loam 50; soft blue clay 184; soft bright brown limestone 194. Water at 194.
Con II	" 12	G. Law	"	Nov. 7, 1967	5	14	78	73	Sulphur	S	Yellow hard clay 15; blue clay 50; flint 85; brown limestone 90. Water at 90.
Con II	" 20	D. Saunders	R. Swayze	Aug. 25, 1967	6 1/2	8	110	79	"	D	Clay 37; flint 120. Water at 117.
Con III	" 1	S. Szucs Jr.	T. VanKessel	Mar. 15, 1965	1 1/2	30	18	18	Fresh	D, S	Topsoil 2; fine sand 18; coarse sand gravel 26. Water at 25.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered before the surface are given in feet)
NORFOLK COUNTY - cont.										
Woodhouse Twp. - cont.										
Con III lot 1	V. Kish	T. VanKessel	Aug. 29, 1967	2	20	33	33	Fresh	D	Topsoil 2; hard brown sand 5; fine sand 15; hard clay 20; fine sand 33; coarse gravel 39. Water at 33.
Con III " 3	R. Stickney	R. Hodgson	May 8, 1965	4	6	35	33	"	D	Topsoil 1; yellow sand 9; hard dry sand 11; yellow sand 17; fine yellow sand 39; coarse brown sand 44; clay sand. Water from 39 to 44.
Con III " 3	R. Stickney	T. VanKessel	July 23, 1965	2	20	34	34	"	D	Open well 18; medium fine sand 26; coarse sand 34; coarse gravel 40. Water at 34.
Con III " 4	B. Cookson	"	Apr. 8, 1965	2	60	10	10	"	C	Coarse stone sand 2; coarse sand 18. Water at 10.
Con III " 6	Cebulak Bros.	E. Johnson	May 23, 1966	36	5	22	26	"	D	Black loam 1; sand stone gravel 14; coarse sand stone 36. Water at 26.
Con III " 16	O. Mason	Z. Stewart	Oct. 2, 1967	5	10	45	40	"	D, S	Drilled well 37; real hard flint 69. Water at 69.
Con III " 23	W. Frew	E. Wood	May 3, 1967	5	6	32	30	"	D, S	Old dug well 36; grey clay 95; quicksand 120; putty sand 145; hardpan 155; limestone bedrock 158. Water at 158.
Con IV " 2	S. Coldwell	R. McKenzie	June 2, 1966	4				"	M	Topsoil 1; grey clay 10; clay stones 12; fine gravel 40; brown clay 43; brown putty sand 54; grey putty sand 67; brown sandy clay 75.
Con IV " 2	"	"	June 16, 1966	4	2		43	Fresh	D	Topsoil 1; yellow sand 5; fine gravel 42; fine brown sand 57. Water at 43.
Con IV " 5	J. Lukas	J. Wickett	Feb. 15, 1964	5	15		40	"	D, S	Sandy loam 12; blue clay 95; gravel 96. Water at 96.
Con IV " 5	D. Clement	"	July 10, 1965	5	10	64	64	Sulphur	D	Brown clay 20; blue clay 100; dirty gravel 4. Water at 100.
Con IV " 15	W. Andronyk	E. Stewart	Sep. 26, 1967	5	4	90	70	"	D, S	Yellow clay 10; blue clay 31; flint 95. Water at 80.
Con IV " 16	H. Kohl	E. Mitchell	July 6, 1964	6 1/2	20	70	35	"	S	Grey clay 38; brown limestone 60; flint 134. Water at 120 and 124.
Con IV " 17	W. Bootsma	"	Aug. 29, 1964	6 1/2	20	80	55	"	D, S	Grey clay 39; brown limestone 65; flint 115. Water at 109.
Con V " 4	K. Lloyd	R. Hodgson	Aug. 12, 1965	4	4	28	22	"	D	Fill 6; red clay 30; blue clay 45; soupy clay 60; clay 82; coarse sand gravel 85. Water from 82 to 85.
Con V " 4	Wilks Farms	R. McKenzie	Apr. 23, 1966	4	7	44	29	"	D, S	Open hole 8; black sand 14; red sand 31; brown sand 52; grey clay 55. Water at 29.
Con V " 4	P. Marinuk	R. Swayze	Mar. 9, 1967	6 1/2	25	100	32	"	Ir	Clay 65; grey sand 75; clay 106; flint 130. Water at 126.
Con V " 6	B. Donnell	E. Mitchell	Apr. 18, 1966	6 1/2	10	40	35	"	D	Grey clay 100; medium gravel silt 117; brown limestone 126. Water at 100 and 125.
Con V " 12	J. Bowyer	"	Feb. 6, 1965	6 1/2	15	50	14	"	D	Clay 52; brown limestone 60. Water at 59.
Con V " 12	G. Mathews	"	July 5, 1966	5				"		Yellow clay 30; soupy sand clay 62; brown limestone 92; flint 140. Dry hole.
Con V " 12	"	"	July 12, 1966	5				"		Yellow clay 30; soupy sand clay 60; brown limestone 90; flint 105. Dry hole.
Con V " 13	R. Austin	R. Swayze	Apr. 3, 1967	6 1/2	20	45	42	Sulphur	D, S	Yellow clay 15; grey clay 67; flint 75. Water at 72.
Con VI " 5	Goldies	R. McKenzie	Jan. 21, 1966	4	8	30	27	Fresh	C	Fill 6; brown sand 11; grey clay 26; brown sand 36. Water at 11 and 26.
Con VI " 5	W. Zorad	E. Mitchell	Mar. 15, 1967	8 1/2	400	200	30	"	M	Clay 10; sand gravel 15; clay 162; flint 236; brown limestone 307; grey shale 337. Water from 11 to 15; at 171 and 215.
Con VI " 7	M. Poljak	J. Wickett	Feb. 6, 1964	5	15	60	10	"	S	Brown sand 10; quicksand 97; white Niagara 128. Water at 103.
Con VI " 7	Bexburg's Farm Market	T. VanKessel	May 20, 1965	1 1/2	5	6	6	"	D	Topsoil 3; fine sand 14. Water at 4.
Con VI " 14	W. Kerfoot	R. Swayze	Jan. 10, 1967	6 1/2	4	100	37	Sulphur	S	Sand 3; blue clay 83; flint 110. Water at 107.
Con VI " 14	S. Kenyo	P. Neudert	Mar. 8, 1967	36	10			Fresh	D, S	Clay 70. Water from 30 to 70.
Con VI " 18	P. Weigendorf	R. Swayze	Oct. 1, 1965	6 1/2	4	70	17	"	D	Yellow sand 10; blue clay 62; flint 80. Water at 63.
Con VI " 20	Dr. I. J. Metcalfe	"	July 2, 1965	6 1/2	5	70	37	"	D	Grey clay 40; broken rock 47; flint 76. Water at 70.

NORFOLK COUNTY -cont.  
Woodhouse Twp. - cont.  
Gore lot 4

Gore	" 6	K. Weselan	R. McKenzie	Nov. 23, 1967	2	65		12	Fresh	Ir	Topsoil 1; yellow sand 14; grey clay 17; coarse sand 32; fine grey sand 37. Water at 12.
Gore	" 6	E. Trinder	"	July 21, 1964	4	5	37	33	"	D	Open well 13; brown sand stones 28; sand clay lumps 31; brown fine sand 36; brown medium sand 42. Water at 33.
Gore	" 6	J. Hughes	T. VanKessel	Aug. 20, 1964	2	10		30	"	D	Sand 10; clay 20; coarse sand 30; gravel 38. Water at 30.
Gore	" 7	H. Bullock	R. Swayze	Nov. 12, 1964	6½	20	50	31	Sulphur	D, S	Gravel 35; sandy clay 116; grey limestone 140. Water at 136.
Gore	" 10	D. Witham	R. Hodgson	May 22, 1964	5	3½	95	35	Fresh	D, S	Clay 16; gravel 28; soupy clay gravel 50; clay 110; gravel 115. Water from 112 to 115.
Gore	" 11	M. Page	R. McKenzie	Mar. 31, 1964	1½	3		13½	"	C	Brown stony sand 4; medium gravel 6; medium grey sand 16. Water at 13.
Gore	" 11	P. Sowden	R. Hodgson	June 15, 1965	8	375	88	79	Sulphur	Ir	Topsoil 1; yellow sand 12; gravel 20; brown sand 43; dirty brown sand 80; putty sand 121; soupy clay 158; putty sand 170; soft clay 186; white limestone 220. Water at 184 and 218.
Gore	" 12	A. Jensen Ltd.	R. McKenzie	Jan. 8, 1964	4	12	37	31	Fresh	D	Open well 9; cement bottom pit 10; brown sand 26; brown sand clay 30; clay 33; brown medium sand 49. Water at 26 and 33.
Gore	" 18	F. Bloney	S. Linton	Jan. 9, 1967	1½	33		13	"	D	Yellow sand 3; coarse sand 19. Water at 13.
Gore	" 19	J. McCabe	R. Hodgson	July 24, 1964	2	50		30	"	Ir	Large pond 20; sand 25; yellow sand 40; coarse sand 50. Water at 40.
Gore	" 19	"	P. V. K. & Sons	July 30, 1967	2	450		18	"	Ir	Open hole 15; silt 22; coarse sand 49. Water at 33.
Gore	" 20	J. Kichler	S. Lyons & Son	May 20, 1966	8	300		95	Sulphur	Ir	Fine sand 192; grey limestone 254. Water at 218 and 253.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Specify to which formation water below the surface was given in feet)
OXFORD COUNTY Beachville Village		G.Dunn	K.McLeod & Sons	June 15, 1967	4½	6	35	30	Fresh	D	Sand gravel 20; gravel hardpan stones 32; limestone 47. Water at 47.
		F.Lowes	F.Lowes	May 17, 1967	30	12	48	20	"	D	Topsoil 1; brown clay 3; brown sandy clay gravel 20; gravel 24; blue clay 45; gravel 50. Water at 21 and 45.
		J.Ipason	K.McLeod & Sons	Sep. 15, 1966	4½	6	25	20	"	D	Clay stones 8; gravel sand 35; limestone 38. Water at 38.
		G.Brant	"	Aug. 3, 1966	4½	4	35	28	"	D	Brown clay stones 10; red sand 29; limestone 45. Water at 45.
		G.Sackrider	"	May 7, 1966	4½	6	36	34	"	D	Topsoil 3; gravel stones 20; red sand 35; limestone 46. Water at 46.
		J.Parsons	"	Feb. 10, 1966	4½	5	100	98	"	D	Brown clay 20; hardpan stones 60; blue clay stones 80; hardpan 90; limestone 138. Water at 138.
		A.Vanderkool	National Pump & Water Supply	Dec. 30, 1965	4	6		21	"	D	Stony grey clay 25; clay sand layers 38; brown shale 40. Water at 40.
		W.Embury	K.McLeod & Sons	June 28, 1965	4½	6	70	64	"	D	Coarse gravel stones 10; hardpan 64; limestone 97. Water at 82 and 97.
		S.Frederick	Steinman & Baird	Aug. 25, 1964	4	7	28	11	Sulphur	D	Dug well 12; gravel broken limestone 17; grey brown limestone 32; Water from 30 to 32.
		J.Denby	"	Aug. 25, 1964	4	14	31	25	Fresh	D	Stony clay 19; gravel 26; limestone slabs 28; limestone 41. Water from 39 to 41.
		W.Hoggach	K.McLeod & Sons	June 26, 1964	4	6	30	27	"	D	Sand gravel 29; limestone 48. Water at 47.
240	Blandford Twp.										
	Con I lot 4	P.Larabre	National Pump & Water Supply	May 30, 1966	4	10	35	21	Fresh	D	Topsoil 6; grey clay 30; blue clay 60; grey clay stones 88; brown shale 91; limestone 105. Water at 105.
	Con I " 9	R.Garland	"	June 30, 1966	5	12½	80	37	"	D	Topsoil 2; grey clay small stones 50; blue clay 68; hardpan stones 99; brown shale 101; grey black rock 145; brown shale 157. Water at 99, 145 and 157.
	Con I " 9	R.Dors	"	Aug. 15, 1966	4	11	38	31	"	D	Clay 20; blue clay 58; clay stones 98; brown shale 100. Water at 98.
	Con II " 9	J.Pearson	N.Steinman	Feb. 3, 1967	4	12	29	21	"	D,S	Topsoil 4; sand 13; grey clay 66; shale 70; grey limestone 101; brown limestone 102. Water from 100 to 102.
	Con II " 15	M.Potter	C.Kent	Jan. 2, 1965	5	5	26	22	"	D	Yellow sand stones 20; cemented gravel 36; putty sand 39; cemented gravel 44; dirty gravel 54; clean heavy gravel 58. Water at 58.
	Con II " 15	E.Sinclair	K.McLeod & Sons	Jan. 21, 1966	4½	5	16	14	"	D	Brown clay 12; brown clay gravel stones 39; gravel 40. Water at 40.
	Con III " 3	W.Biloski	J.Stefan	Sep. 23, 1966	4	5	55	53	"	D,S	Soft stony clay 82; medium gravel 83. Water at 82.
	Con III " 6	G.Tune	National Pump & Water Supply	Mar. 8, 1967	4	5	70	45	"	D	Sand 5; brown clay 31; stones 60; blue clay 100; hardpan 130; silt 200; clay 210; sand 214; fine gravel 217. Water at 140 and from 214 to 217.
	Con III " 9	G.Oakley	K.McLeod & Sons	Nov. 13, 1964	5½	7	46	20	"	D,S	Brown clay 15; blue clay 35; red clay stones 60; hardpan 66; dark rock 74. Water at 74.
	Con III " 10	E.Oakley	"	Sep. 18, 1965	5½	6	27	24	"	D,S	Sand 8; blue clay sand 59; hard rock 70. Water at 70.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*		OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Blenheim Twp.											
Con I	lot 1	H.Berg	J.Stefan	Dec. 9, 1965	4	4	55	10	Fresh	D	Dirty gravel boulders 24; silty sand clay streaks 56; blue clay 68; dark blue shale 73; light grey limestone 98. Water at 98.
Con I	" 3	G.Bailey	"	Oct. 28, 1964	4	5	50	38	"	D	Soft silty sand clay streaks 72; blue clay 114; shale 115; rock 116. Water at 116.
Con I	" 7	R.Riley	"	Nov. 3, 1964	4	5	40	35	"	D	Stony clay sand streaks 64; fine gravel 67. Water at 64.
Con I	" 7	R.Sparks	"	June 14, 1965	4	3	75	37	"	D	Hard stony clay 22; sandy clay 30; fine sand 71; hard stony clay 80; dirty gravel 99; clean fine gravel 100. Water at 99.
Con I	" 8	J.Beulenkamp	"	Oct. 30, 1967	4	10	18	15	"	D, S	Clay 12; silty sand clay streaks 38; dirty gravel 45; medium sand 60. Water at 45.
Con I	" 12	Catholic School Board	"	Aug. 30, 1965	4	15	12	10	"	P	Hard stony clay 24; fine gravel 26; soft sand clay 34; dirty gravel 55; soft blue clay 58; medium gravel 59. Water at 58.
Con I	" 12	Princeton United Church	"	May 15, 1967	4	10	16	14	"	D	Hard stony clay 28; soft silty clay 46; medium gravel 48. Water at 46.
Con I	" 12	F.Borzas	"	Aug. 1, 1967	4	10	20	14	"	D	Dug well 25; hard stony clay 45; fine silty sand 53; fine gravel 55. Water at 53.
Con I	" 12	P.Dekoning	"	Sep. 20, 1967	4	10	19	17	"	D	Clay boulders 12; hard stony clay 46; fine gravel 48. Water at 46.
Con I	" 13	L.McDonald	"	Sep. 7, 1965	4	5	20	14	"	D	Dug well 5; hard stony clay 31; fine gravel 32. Water at 31.
Con I	" 13	Post Office Dept.	"	May 21, 1964	4	5	35	17	"	P	Gravel fill 4; hard stony clay 28; hard packed gravel 64; hard stony clay 69; fine gravel 70. Water at 69.
Con I	" 13	M.Magashazi	"	July 22, 1964	4	5	15	13	"	D	Soft silty sand 14; blue clay 29; coarse gravel 30. Water at 29.
Con I	" 13	S.Howes	"	Dec. 4, 1967	4	5	35	15	"	D	Hard gravelly clay 18; soft silty sand clay streaks 57; dirty gravel 60; hard clay 69; medium gravel 70. Water at 69.
Con I	" 19	J.Connoy	E.Stewart	Feb. 22, 1964	5	5	84	10	"	D	Sandy loam 12; blue clay 48; quicksand 71; sand 85. Water from 75 to 85.
Con I	" 24	W.Tuttle	N.Steinman	Sep. 12, 1967	4	12	31	24	"	D	Sand 9; gritty grey clay 38; grey clay 87; gravel 91; broken shale 93. Water at 93.
Con II	" 5	S.Cabak	J.Stefan	Nov. 1, 1966	4	10	22	11	"	S	Hard stony clay 12; soft sandy clay 57; medium sand 60. Water at 57.
Con II	" 6	G.Florstedt	"	Aug. 16, 1966	4	10	35	27	"	D, S	Soft sandy clay 28; silty sand 88; dirty gravel 104; hard stony clay 120; blue clay 151; medium gravel 152. Water at 151.
Con II	" 23	W.Collings	W.Johnson	Sep. 18, 1964	24	3	25	20	"	D	Previously bored 25; hard clay small stones silt 55; gravel small stones 62. Water at 55.
Con II	" 24	J.Gerencher	J.Stefan	July 29, 1966	4	5	55	31	"	D	Dug well 34; soft sand clay 112; hard stony clay 129; light grey rock 130. Water at 130.
Con III	" 7	G.Laine	"	Aug. 12, 1965	4	10	70	19	"	D, S	Hard stony clay 11; silty sand 16; silty sand clay streaks 34; blue clay 50; dirty gravel 67; hard stony clay 102; silty sand clay streaks 118; hard stony clay 145; dirty gravel 147; clean fine gravel 148. Water at 147.
Con III	" 15	W.Meacham	Lone Star Well Digging	Apr. 12, 1964	30	2	95	90	"	S	Brown clay 45; blue clay 95; gravel 105. Water at 100.
Con III	" 23	L.Dumouchel	"	Mar. 23, 1964	30	2	18	12	"	D, S	Sand 4; coarse gravel 18; blue clay 25; sandy clay 30. Water at 25.
Con III	" 24	J.Takacs	J.Stefan	July 21, 1966	4	10	45	30	"	D	Soft silty clay sand streaks 105; hard stony clay 109; brownish grey rock 110. Water at 110.
Con III	" 24	L.Menard	"	July 18, 1967	4	10	42	32	"	D	Soft sand clay 90; fine medium sand 100; hard packed sand 118; shale 123; grey rock 124. Water at 124.

OXFORD COUNTY - cont. Blenheim Twp. - cont.											
Con IV	lot 16	J. Piggott	Lone Star Well	June 30, 1964	30	3	35	25	Fresh	D	Brown clay 25; blue clay 35; gravel 40. Water at 35.
Con IV	" 18	A. Wilson	J. Stefan	June 2, 1964	4	6	45	35	"	D, S	Soft sand clay 46; silty sand clay streaks 75; fine silty gravel hard packed yellow clay 118; yellow clay sand streaks 141; fine gravel 144. Water at 141.
Con V	" 14	D. Watters	Steinman & Baird	Jan. 4, 1964	5	10	74	32	"	D, S	Stony gravel 23; sand 24; gritty clay 83; sand 87. Water at 83.
Con V	" 18	J. Cockburn	Lone Star Well	Aug. 31, 1967	30	5	30	27	"	D	Topsoil 2; blue clay 40; gravel 45; clay 47. Water at 40.
Con V	" 21	A. Magee	W. Baird	June 27, 1966	5	15	30	22	"	D, S	Sand 42; gravelly grey clay 49; hardpan 72; sandy clay 128; grey clay 154; gritty hardpan 184; brown shale 185; brown limestone 187. Water at 187.
Con VI	" 10	W. Macey	Steinman & Baird	Apr. 24, 1964	4	20	53	45	"	D, S	Brown sandy clay 17; grey gravelly clay 58; grey gravelly hardpan 65; brown silty clay 119; brown gravelly hardpan 126; brown sandy gravel 129. Water from 126 to 129.
Con VI	" 12	R. Peterson	J. Weaver & Son	Mar. 4, 1964	1 1/2	4		25	"	D, S	Topsoil 1; brown stony clay 20; coarse sand 29. Water at 25.
Con VI	" 13	E. Yeandle	Steinman & Baird	Nov. 25, 1964	5	15	127	107	"	D	Brown clay 25; gritty grey clay 42; grey clay 83; gritty grey clay 99; gritty hardpan 122; gritty brown clay 139; gritty hardpan 149; gritty clay 196; dirty sand 200. Water from 196 to 200.
Con VI	" 13	W. Cockburn	Lone Star Well	Nov. 30, 1966	30	10	25	10	"	D	Brown clay 5; sand 30; blue clay 40. Water at 30.
Con VI	" 17	D. Carson	Steinman & Baird	Sep. 11, 1964	4	20	45	40	"	D	Sand 83; gritty hardpan 123; grey clay 148; gritty grey clay 215; dark grey shale 217. Water at 216 1/2.
Con VII	" 12	G. Weeks	Lone Star Well	Sep. 17, 1964	30	3	35	30	"	D	Brown clay 35; fine gravel 36; brown clay 40. Water at 35.
Con VII	" 12	J. Schell	J. Stefan	Nov. 11, 1965	4						Sandy clay 8; hard stony clay 45; soft silty clay 50; blue clay 60. Dry hole.
Con VII	" 12	G. Hunter	"	Oct. 26, 1966	4	5	115	96	Fresh	P	Hard stony clay 48; blue clay 84; hard stony clay 96; dirty coarse sand 100; hard gravelly clay 150; blue clay 174; medium sand 177. Water at 174.
Con VII	" 13	C. Sippel	Lone Star Well	May 9, 1964	30	3	40	35	"	D	Brown clay 2; blue clay 40; sand 42; blue clay 44. Water at 42.
Con VII	" 13	Drumbo Auto Body	"	Dec. 21, 1964	30	5	14	14	"	D	Coarse gravel 20. Water at 14.
Con VIII	" 8	W. Azzopardi	J. Stefan	Nov. 5, 1965	4	5	50	5	"	D	Soft silty sand 38; hard stony clay 56; silty sand clay streaks 98; hard stony clay 117; fine gravel 118. Water at 117.
Con VIII	" 8	J. Smith	Lone Star Well	Oct. 24, 1966	30	10	15	7	"	D	Coarse gravel 15; blue clay 20. Water at 15.
Con VIII	" 11	N. McIntyre	C. Shantz	Feb. 8, 1964	7	0	0	50	"	D, S	Dug well 30; clay gravel 135; sand clay 140; clay gravel 170; silty sandy clay 185; sand gravel 190. Water from 185 to 190.
Con IX	" 1	G. Black	W. Packham	July 6, 1967	6	4	75	45	"	D	Clay sand gravel 15; gravel 35; clay sand gravel 73; gravel 75. Water at 75.
Con IX	" 4	W. Dance	Lone Star Well	Aug. 22, 1967	30	5	38	33	"	D	Brown clay 30; fine sand 33; coarse sand 42 1/2. Water at 33.
Con IX	" 12	G. Schuster	W. Baird	Sep. 23, 1966	5	12	70	66	"	D	Sand 46; grey clay 199; brown shale 201; brown limestone 204. Water at 204.
Con IX	" 17	J. Maos & Sen	C. Shantz	Feb. 26, 1964	7	15	80	66	"	D, S	Dug well 27; clay gravel boulders 100; blue clay 170; clay gravel 190; silty sandy clay 195; brown limestone 201. Water from 195 to 201.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation entered below the surface are given in feet)
OXFORD COUNTY - cont. Blenheim Twp. - cont. Con IX lot 22	G. Wismer	Lone Star Well Digging	June 1, 1965	30	3	25	20	Fresh	D	Clay 20; sand 29; coarse gravel 30. Water at 20.
Con X " 2	R. Barrie	R. Eddyvean	Nov. 3, 1965	5	5	90	50	"	D, S	Topsoil 1; sand 20; sandy clay 65; clay 94; hardpan 105; sand 105 1/2. Water at 105.
Con X " 6	H. Guthrie	"	May 2, 1966	5	7	80	56	"	D, S	Topsoil 1; clay boulders sand 20; sand clay 142; sand gravel fine sand 143. Water from 142 to 143.
Con X " 8	I. Campbell	"	Sep. 30, 1964	7	15	40	36	"	D, S	Topsoil 1; gravel 21; sand 78; gravel sand 79. Water at 79.
Con X " 24	Steinman & Baird	Steinman & Baird	Oct. 19, 1964	7	25	61	27	"	D	Clay sand 86; clean sand 98. Water from 88 to 98.
Con X " 24	L. Wettlauffer	"	Oct. 30, 1964	7	20	51	16	"	D	Sandy clay 15; grey clay 65; sand 68. Water from 66 to 68.
Con X " 24	F. Borzas	R. Eddyvean	Mar. 15, 1966	5	4	70	37	"	D	Dug well 5; sandy clay 60; fine sand 86. Water from 60 to 86.
Con X " 24	C. Biness	Lone Star Well Digging	June 25, 1966	30	10	20	7	"	S	Blue clay 20; gravel 22. Water at 20.
Con XI " 4	O. Breidenbaugh	W. Baird	Apr. 15, 1966	4	7 1/2	120	98	Sulphur	D	Sand 48; sandy clay 89; sand 128; gravelly grey clay 203; fine sand 223; gravelly grey clay 245; dark grey limestone 259; brown limestone 267; dark grey limestone 404; gypsum 425. Water at 425.
Con XI " 18	W. Piggott	Lone Star Well Digging	Nov. 27, 1967	30	8	24	19	Fresh	D	Topsoil 2; clay 25; gravel 29. Water at 19.
Con XII " 11	J. Hileniak	"	Nov. 16, 1966	30	5	50	30	"	D	Brown clay 5; blue clay 50; coarse sand 60. Water at 50.
Con XII " 13	B. Coldham	"	June 17, 1965	30	3	12	10	"	D	Sand 10; coarse gravel 18. Water at 10.
Con XII " 13	"	"	Aug. 24, 1965	30	10	12	10	"	S	Sand 12; brown clay 18. Water at 10.
Con XII " 14	J. Tew	McLaughlin Water Wells & Supply Ltd.	Oct. 17, 1967	5	20	60	5	"	D, S	Topsoil 2; sand clay 15; clay hardpan 30; quicksand 34; clay hardpan 81; quicksand 83; clay 150; hardpan 155; brown shale 157. Water from 155 to 157.
Con XII " 18	Kitson Bros.	Steinman & Baird	Oct. 26, 1965	4	8			Flows	"	D Fill 7; sandy clay sand 38; gravelly hardpan 93; grey blue clay 109; gritty hardpan 123; blue clay 131; shale 137; blue shale limestone 169; brown limestone 171. Water at 141 and 171.
Con XII " 18	OWRC	F. Johnston Drlg. Co. Ltd.	Sep. 7, 1966	7	10		18	"	T	Stony clay till 36; silty sand 50; fine sand 64; coarse sand 65; fine sand 70; medium sand 72; stony till 78; silty sand 90; stony till 95. Water from 63 to 72.
Con XII " 18	"	"	Oct. 12, 1966	7				"	T	Stony till 17; silty clay 42; stony till 46; fine sand 102; stony till 130.
Con XII " 18	"	"	Sep. 21, 1966	7	100	11	8	Fresh	T	Stony till 19; silty clay 25; stony till 32; fine sand 45; coarse sand 53; coarse muddy sand 55; very fine sand 56. Water from 45 to 53.
Con XII " 18	"	"	Sep. 27, 1966	7			8	"	T	Stony till 3; fine silty sand 8; silty clay 15; stony till 25; fine sand 30; coarse sand 46; fine sand 49; coarse sand 57; stony till 59. Water from 40 to 57.
Con XII " 18	Canada Sand Paper Ltd.	Kerr's Well Drlg.	Nov. 7, 1967	8	80	41	7	"	In	Gravel 20; clay gravel 60; fine gravel 69. Water from 61 to 69.
Con XII " 20	N. Ellis	Lone Star Well Digging	Sep. 3, 1964	30	3	30	24	"	S	Sand 24; clay 30; gravel 34. Water at 24.
Con XII " 22	D. Stauffer	"	June 8, 1967	30	5	30	14	"	D	Topsoil 2; clay 30; sand 36. Water at 30.
Con XII " 24	W. Brown	Steinman & Baird	May 15, 1964	5	15	92	62	"	D, S	Stony clay 23; dirty sand 26; stony clay 33; sandy gritty clay 75; fine sand 94; clay 99; hardpan 169; blue shale slabs clay 178; brown limestone 191. Water from 188 to 191.
Con XIII " 11	J. Higgins	Lone Star Well Digging	Dec. 20, 1966	30	10	70	60	"	D	Brown clay 5; coarse sand 15; blue clay 70; gravel 75. Water at 70.

\* See end of Appendix C for the meanings of abbreviations and symbols

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Dereham Twp. - cont.										
Con IV lot 1	O.Chambers	Cole Water Wells	Jan. 3, 1964	5	8	30	16	Fresh	D,S	Black loam 3; red clay 20; red sand 60; sand gravel 72. Water from 60 to 72.
Con IV " 2	L.Jones	Warren Water Wells	Oct. 5, 1966	5	10	63	57	"	D	Yellow clay stones 18; grey clay pebbles 47; pit gravel 72; sand 81. Water at 81.
Con IV " 12	Burford Fertilizer Ltd.	K.McLeod & Sons	Apr. 20, 1965	5 1/2	7	20	10	"	C	Gravel brown clay 15; blue clay 35; hardpan 85; blue clay 105; hardpan stones 141; soft limestone 150. Water at 150.
Con IV " 17	C.Sackrider	Warren Water Wells	May 20, 1965	5	6	40	27	"	D,S	Topsoil 2; yellow clay 28; grey clay stones 98; fine gravel 103. Water at 103.
Con IV " 21	R.Smith	E.Stewart	Jan. 8, 1964	5	20	55	55	"	D,S	Clay gravel mixture 190; light colour limestone 218; dark limestone 221. Water at 220.
Con IV " 22	H.Allison	Hadco Well Drlg. & Digging	Oct. 15, 1965	5 1/2	20	150	55	Sulphur	S	Clay 70; sandy clay 80; clay 155; sandy clay 169; clay 178; sand gravel 187; hard grey rock 275; hard brown rock 293; white rock 305. Water at 187 and 293.
Con V " 7	C.Scott	Cole Water Wells	Sep. 10, 1966	5	5	45	12	Fresh	S	Black loam 1; yellow clay 20; dirty gravel sand clay 56; coarse sand 70. Water from 56 to 70.
Con V " 8	C.Prouse	Warren Water Wells	Feb. 18, 1964	5	7	45	30	"	D,S	Topsoil 2; clay stones 65; fine sand 70. Water at 70.
Con V " 13	M.McLennan	"	Sep. 23, 1967	5	3 1/2	164	144	"	D	Yellow clay 18; grey clay 136; grey clay stones 204; gravel. Water at 204.
Con V " 16	B.Harris	"	Jan. 23, 1964	5	5	52	35	"	D,S	Yellow clay 32; pit gravel 65; gravel 68. Water from 65 to 68.
Con V " 24	H.Miller	K.McLeod & Sons	Oct. 24, 1967	5	5	75	10	"	D,S	Brown clay 8; quicksand 35; blue clay 70; hardpan 99; gravel 100. Water at 100.
Con VI " 8	E.Palen	W.Burwell	Aug. 26, 1967	5	10	30	12	Sulphur	D,S	Brown clay 20; blue clay 50; sandy clay 97; gravel 100; grey sand clay 110; gravel 112; sandy clay 150; rock 155; sandy streak 156; brown limestone 161. Water at 161.
Con VI " 25	B.Lovell	Cole Water Wells	July 5, 1966	5	6		28	Fresh	S	Open hole 6; yellow sand 35; dirty gravel clay 63; coarse gravel 66. Water from 63 to 66.
Con VI " 26	N.Paton	"	Mar. 16, 1967	5	5	65	1	"	S	Black loam 1; grey clay 15; sand 22; dirty gravel clay 97; sand 103. Water from 97 to 103.
Con VII " 8	E.Kunkel	K.McLeod & Sons	Sep. 8, 1965	5 1/2	3	40	22	"	D	Brown clay 15; blue clay 40; sand gravel 41. Water at 41.
Con VII " 9	W.Jeffery	Warren Water Wells	Oct. 16, 1965	5	12	22	12	"	D	Yellow clay 14; clay stones 35; sand 39. Water at 39.
Con VII " 10	W.Leaman	Cole Water Wells	Mar. 17, 1964	5	6	50	12	"	S	Black loam 1; yellow sand 3; clay stones streaks sand 43; dirty gravel clay 77; gravel 80. Water from 77 to 80.
Con VII " 15	B.Grundy	Warren Water Wells	Aug. 12, 1966	5	5	40	21	"	D	Yellow clay 23; grey clay 46; grey clay pebbles 59; fine gravel 62; clay. Water at 62.
Con VII " 27	A.Rockx	E.Mitchell	Jan. 15, 1964	5	4	20	17	"	D,S	Clay 35; sand 54; gravel 58. Water at 57.
Con VIII " 6	R.McKenney	Cole Water Wells	July 28, 1966	5	4	100	40	"	D	Black loam 1; yellow clay 15; grey clay soft dirty gravel clay 85; clay stone 115; dirty gravel clay 150; fine gravel 158; gravel 164. Water from 158 to 164.
Con VIII " 7	A.Langhor	"	Apr. 30, 1965	5	6	85	55	"	D	Black loam 2; yellow clay stones 14; grey clay 64; yellow sand 72; gravel sand 105; gravel 113. Water from 105 to 113.
Con VIII " 13	J.Wagner	"	Feb. 28, 1966	5	5	100	50	Sulphur	S	Black loam 1; yellow clay 15; grey clay stones 135; putty sand 155; grey clay 196; rock 197. Water at 196.
Con VIII " 15	H.Morgan	Warren Water Wells	Sep. 6, 1965	5	8	65	41	Fresh	D	Topsoil 3; grey clay 76; sand 80. Water at 80.
Con VIII " 15	T.Blakely	"	Oct. 27, 1965	5	10	68	22	"	D,S	Yellow sand 6; grey clay 71; fine gravel 76. Water at 76.
Con VIII " 7	J.Morbec	"	Dec. 2, 1967	5	5	73	52	"	D	Clay stones 18; grey clay 46; grey clay stones 86; sand 93. Water at 93.
Con VIII " 19	C.Franklin	W.Burwell	Aug. 23, 1965	1 1/2	8	19	17	"	D,S	Red sand 15; sand 25. Water at 15.

OXFORD COUNTY - cont.  
Dereham Twp. - cont.

Con VIII	lot 19	C. Franklin	W. Burwell	June 28, 1966	2	12	6	Fresh	S	Blue clay 15; stones 17; coarse gravel 24. Water at 17.
Con VIII	" 20	D. Blakley	Warren Water Wells	Oct. 9, 1965	5	10	58	45	D, S	Sand stones 26; clay stones 70; gravel 71. Water at 71.
Con VIII	" 24	G. Alabastine	E. Hoover & Sons	Nov. 3, 1965	5	5	36	33	D	Topsoil 3; clay stones 15; muddy gravel sand 30; blue clay 41; putty sand 64; sand gravel 66. Water at 64.
Con IX	" 3	R. Milmine	Warren Water Wells	Aug. 26, 1967	5	5	58	46	D	Yellow clay stones 19; grey clay 45; clay stones 47; grey clay 86; dirty pit gravel 108; gravel 109. Water at 109.
Con IX	" 7	L. Bartlett	Cole Water Wells	Aug. 29, 1964	5	5	95	60	D	Yellow clay 5; grey clay stones 125; grey clay stones streaks sand 158; gravel 161. Water from 159 to 161.
Con IX	" 7	Tillsonburg PUC	International Water Supply	Oct. 6, 1966	1 1/2			61	T	Topsoil 1; clay gravel 9; clay 46; clay coarse sand 68; gravel 4-66
Con IX	" 15	C. Kipp	Cole Water Wells	June 12, 1964	5	4	156	100	D	clay 87; sandy clay gravel 132; gravel sand hard packed 141; cemented clay gravel sand 195. Water at 87 and 141.
Con IX	" 15	E. Allen	"	Sep. 30, 1965	5	4	160	95	D, S	Clay loam 2; yellow clay 15; grey clay stones 152; dirty gravel streaks sand 178; sand fine gravel 183. Water from 178 to 183.
Con IX	" 22	R. Palmer	"	Nov. 29, 1965	5	3	50	30	D	Clay loam 2; yellow clay 18; grey clay stones 160; dirty gravel 168; sand gravel 175. Water from 168 to 175.
Con IX	" 22	R. Hornsby	"	Oct. 28, 1966	5	5	65	40	D	Black loam 1; yellow clay 14; grey clay stones 50; dirty gravel 57; fine gravel stones 60. Water from 57 to 60.
Con IX	" 22	P. Vermeeren	Warren Water Wells	Nov. 1, 1966	5	10	50	22	D	Open hole 36; dirty gravel clay 65; fine coarse gravel 74. Water from 60 to 74.
Con IX	" 23	E. James	J. Weaver & Son	Jan. 16, 1964	1 1/2	8	22		D, S	Black soil 1; grey clay pebbles 52; grey sand 56. Water at 56.
Con X	" 1	A. Lambert	W. Burwell	Mar. 30, 1964	5	7	65	60	D	Open well 20; coarse gravel 30. Water at 22.
Con X	" 1	J. Lawrence	Cole Water Wells	Aug. 15, 1967	5	5	100	50	D	Red clay 20; blue clay 92; gravel 122; blue clay 140; rock 141. Water at 141.
Con X	" 2	H. Avey	"	June 19, 1964	5	5	80	50	D	Black loam 1; yellow sand 45; putty sand 55; grey clay 85; dirty gravel 105; red sand 115; fine coarse sand 123. Water from 115 to 123.
Con X	" 4	J. Koteles	Warren Water Wells	Aug. 27, 1966	5	4	49	25	D	Black loam 2; yellow clay 12; grey clay stones 119; gravel sand 125. Water from 119 to 125.
Con X	" 5	R. Fulkerson	"	Aug. 12, 1964	5	6	50	26	D, S	Sand 9; grey clay 43; grey clay pebbles 48; fine sand 51. Water at 51.
Con X	" 8	Tillsonburg PUC	International Water Supply	Sep. 26, 1966	2			61	T	Yellow clay 12; grey clay stones 61; fine sand 66; clay stones 82; coarse sand 94. Water at 66 and 94.
Con X	" 8	"	"	Oct. 13, 1966	1 1/2			62	T	Clay 35; clay hard streaks 73; cemented clay gravel 75; fine gravel 99; cemented gravel 100; gravel sand 108. Water at 99, 108.
Con X	" 9	"	"	Oct. 25, 1966	7	180	66	60	5-66	Topsoil 1; sandy clay 11; sandy clay gravel 29; clay 72; gravel clay 75; gravel sand 119; gravel clay 129; clay gravel 203; rock.
Con X	" 9	"	"	Sep. 19, 1966					6-66	Topsoil 1; sandy clay 10; sandy clay gravel stones 55; soft clay sand 56; sandy hard clay 75; gravel sand 120. Water at 120.
Con X	" 10	"	"	Sep. 30, 1966					1-66	T Clay 16; hard sandy clay 35; tough clay 74; soft sticky clay 110; hard sandy clay gravel 126; cemented clay gravel 138; hard clay gravel 170; softer clay hard streaks 193; hard clay 242.
Con X	" 15	N. Bee	W. Burwell	Aug. 12, 1967	5	2	Flow	Flows	3-66	T Clay gravel 5; clay 32; sandy clay 97; clay gravel 143; sandy clay gravel 239; rock.
Con XI	" 2	C. Bilger	J. Weaver & Son	Nov. 16, 1964	2	8	30		D	Clay stones 25; blue clay 50; gravel 53; blue clay 93; gravel 100. Water at 100.
Con XI	" 7	I. Linton	Warren Water Wells	June 22, 1964	5	1	53	35	D	Open well 26; coarse gravel fill 35; quicksand 41. Water at 30.
									D	Yellow sand 5; grey clay 41; clay stones 48; sand 49; clay stones 53. Water at 49.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations entered below the surface are given in feet )
OXFORD COUNTY - cont. Dereham Twp. - cont.										
Con XI lot 8	R.Sanders	J.Weaver & Son	Feb. 6, 1964	1 1/2	8		28	Fresh	D	Topsoil 1; brown stony clay 7; yellow sand 15; white sand 28; white quicksand 34; blue quicksand 40. Water at 28.
Con XI " 12	J.Hilchey	"	Feb. 15, 1964	1 1/2	3		21	"	C	Open well 17; sand 21; brown quicksand 23; brown clay 24; brown sand 27. Water at 21.
Con XI " 16	W.Jensen	Cole Water Wells	Aug. 27, 1966	5	5	70	7	"	D	Yellow clay stones 8; grey clay stones boulders 100; fine sand gravel 104; coarse gravel 114. Water from 104 to 114.
Con XI " 28	M.Bears	C.Norman	Dec. 17, 1964	4			Flows	"	S	Hard stony clay 30; putty sand 40; hard red clay 67; gravel. Water at 67.
Con XII " 7	B.Hickey	W.Burwell	July 13, 1964	2	1		25	"	D	Grey clay 35; fine sand 43. Water at 35.
Con XII " 7	C.Chapman	Warren Water Wells	Apr. 7, 1965	4	3	34	15	"	D	Yellow sand 27; fine sand 34. Water at 34.
Con XII " 8	R.Luybaert	"	Nov. 23, 1965	4	10	25	10	"	D	Yellow sand 25; sand 37. Water at 37.
Con XII " 10	Lowrie Farms	Cole Water Wells	June 11, 1966	5	5	70	58	"	D	Black clay loam 1; yellow clay 15; grey clay stones 32; dirty gravel 76; gravel 81. Water from 76 to 81.
Con XII " 11	T.Smith	"	May 6, 1967	5	5	68	45	"	D,S	Black loam 2; yellow clay 7; grey clay 27; red black white sand 70. Water from 58 to 70.
Con XII " 26	G.Berdan	"	Oct. 25, 1967	5	5	40	8	"	D,S	Topsoil 1; yellow clay 20; grey clay stones 104; dirty gravel 138; mixed gravel 142. Water from 138 to 142.
East Missouri Twp.										
Con VIII lot 1	O.Powers	Hadco Well Drlg. & Digging	July 13, 1965	5 1/2	1	140	26	Fresh	D	Clay 5; gravel 90; broken rock 92; grey rock 125; brown rock 130; grey rock 168. Water from 159 to 168.
Con VIII " 6	H.Mason	"	Mar. 20, 1967	5	10	35	20	"	D	Brown clay 20; blue clay stones 35; blue clay sand 50; blue clay 65; hardpan 85; gravel 97. Water at 85.
Con VIII " 6	H.Dewey	M.Jones	Aug. 5, 1967	5	25	20	8	"	D	Clay 29; sandy clay stones 70; gravel 71; sandy clay 102; brown limestone 105. Water from 104 to 105.
Con VIII " 7	D. & E. Stewart	K.McLeod & Sons	Dec. 17, 1965	5 1/2	16	75	72	"	D,S	Brown clay 25; blue clay 58; hardpan 78; sand 85; hardpan stones 135; grey gravel 155; limestone 182. Water at 182.
Con VIII " 8	G.Trimble	Hadco Well Digging Ltd.	Mar. 21, 1967	4	8	60	40	"	D	Brown clay 10; blue clay 20; blue clay stones 80; hardpan 110; brown limestone 125. Water at 110, 115 and 122.
Con VIII " 11	G.Luyben	M.Jones	Jan. 26, 1965	5	10	100	20	"	D,S	Sandy clay 8; fine sand 10; blue clay stones 35; fine sand 36; blue clay 45; fine sand 58; sandy blue clay 93; coarse sand 104; limestone 125. Water from 105 to 125.
Con VIII " 12	Skie Hi	"	Sep. 5, 1967	6 1/2	20	55	44	"	P	Sandy clay 18; stones blue clay 49; sandy blue clay 146; coarse sand 147. Water at 147.
Con VIII " 12	"	"	Aug. 15, 1967	6 1/2	20	50	30	"	N	Sandy clay 26; blue clay 38; sandy clay stones 135; shale clay 145. Water at 145.
Con VIII " 25	N.Coblentz	"	Aug. 27, 1964	4	20	80	55	"	D,S	Soft yellow clay 10; sandy hardpan 23; sand gravel 27; fine sand clay 60; hard blue clay 100; sandy gravel 123; light brown limestone 125. Water at 124.
Con IX " 1	C.Day	K.McLeod & Sons	Jan. 11, 1966	5 1/2	6	80	68	"	D,S	Gravel stones 20; hardpan stones 91; white limestone 102. Water at 102.
Con IX " 2	Dr. R.Kosmal	"	Aug. 11, 1964	4 1/2	6	40	38	"	D	Brown clay 10; blue clay 40; hardpan stones 79; limestone 92. Water at 92.
Con IX " 2	C.Loreylorenz	R.Hudson	Aug. 23, 1966	36	1	15	5	"	D	Brown clay 4; gravel 10; hard blue clay 17. Water at 5.
Con IX " 4	H.Cole	K.McLeod & Sons	Sep. 9, 1965	4	7	45	45	"	D,S	Brown clay 15; blue clay stones 80; white hardpan 86; limestone 99. Water at 99.

OXFORD COUNTY - cont.

East Nissouri Twp.- cont.

Con IX	lot 4	H.Cole	K.McLeod & Sons	Sep. 9,1965	4	7	45	45	Fresh	D,S	Brown clay 15;blue clay stones 80;white hardpan 86;limestone 99. Water at 99.
Con IX	" 14	M.Henderson	H.Siegrist	Jan.30,1964	5	5	60	31	"	D,S	Topsoil 2;stony hardpan 40;clay sand 90;sand stones 90;clay 100;sand gravel 110;clay 115;sand 122;grey rock 125. Water at 124.
Con X	" 1	L.Jubinolle	K.McLeod & Sons	May 7,1965	4½	6	60	50	"	D	Brown clay 15;sand 20;hardpan stones 89;limestone 96. Water at 96.
Con X	" 7	M.Rutledge	"	Apr. 8,1964	5½	4	110	60	"	D,S	Brown clay 20;hardpan stones 120;red clay 133;grey limestone 158. Water at 158.
Con X	" 10	H.Beatty	"	July 2,1964	5½	25	60	47	"	S	Brown clay 20;dirty sand 50;hardpan 137;grey limestone 168. Water at 146 and 167.
Con X	" 13	R.McMurray	M.Jones	Feb.24,1964	4	12	40	27	"	D,S	Sandy clay 30;clay hardpan stones 87;sandy clay 90;sandy clay stones 123;brown limestone 138. Water from 128 to 138.
Con X	" 13	C.Rutledge	"	July10,1965	5	8	90	50	"	D,S	Clay stones 50;fine sand 56;blue clay 95;fine sand 100;clay small stones 134;dark brown limestone 152. Water at 150.
Con X	" 27	Union Dale School	K.McLeod & Sons	May 4,1964	5½	20	88	88	"	P	Brown clay 24;quicksand 35;blue clay 50;sand 65;blue clay 95;hardpan 124;blue clay 144;limestone 176. Water from 170 to 176.
Con X	" 31	F.Rietmeyer	R.Hudson	Oct. 5,1964	36	4	30	12	"	D	Brown clay 15;blue clay 36½. Water at 36½.
Con X	" 33	B.Robinson	W.Hopper & Sons	Aug.29,1966	4	10	40	36	"	D,S	Yellow clay 10;blue clay 40;hardpan 83;loose rock 88;brown limestone 140. Water from 130 to 140.
Con X	" 36	D.Muir	"	Dec.23,1966	4	10	66	65	"	D,S	Topsoil 1;yellow clay 10;blue clay 50;hardpan 85;loose rock 90;brown limestone 140. Water from 125 to 140.
Con XI	" 1	L.Bourgeois	K.McLeod & Sons	July10,1965	4	6	75	60	"	D	Brown clay 30;hardpan stones 105;limestone 110. Water at 110.
Con XI	" 5	T.Metz	"	Oct. 1,1964	5½	5	65	18	"	D	Brown clay 18;sand 30;clay stones 45;sand gravel 50;limestone 111. Water at 55 and 111.
Con XI	" 6	B.Knight	"	July 5,1967	4½	5	95	75	"	D	Brown clay 20;blue clay stones 80;sand gravel 95;hardpan stones 129;gravel 130. Water at 130.
Con XI	" 7	J.Klingenberg	"	Mar.12,1964	5½	6	70	55	"	D,S	Brown clay 20;gravel stones 30;blue clay 50;hardpan 106; limestone 123. Water at 123.
Con XI	" 7	S.Weir	Hadco Well Digging Ltd.	Aug.19,1965	5	20	130	40	"	D	Clay boulders 70;blue clay 88;boulders 105;layers rock clay 110;brown bedrock 154;broken grey rock 155. Water from 154-155.
Con XI	" 8	R.Gillam	W.Burwell	Sep.24,1965	5	6	97	87	"	P	Grey clay 30;boulders 40;blue clay gravel 80;blue clay 100; fine gravel 127. Water at 127.
Con XI	" 9	S.Goddard	M.Jones	June 9,1964	5	8	60	35	"	D,S	Clay hardpan 43;gravel fine sand 70;sandy hardpan 73;grey lime- stone 95. Water at 94.
Con XI	" 18	B.Ball	"	Jan. 7,1964	5	8	43	34	"	D,S	Clay loam 16;sandy clay 28;quicksand 30;blue clay 42;soft sandy clay 58;shooting sand 60;blue clay 65;shooting sand 95; sandy clay 132;limestone 154. Water at 152.
Con XI	" 21	R.Gregory	R.Hudson	Feb. 4,1966	36	90	15		"	D	Brown clay 8;blue clay 22;sandy clay 32. Water at 32.
Con XI	" 22	H.Beaty	K.McLeod & Sons	May28, 1966	5	7	100	60	"	D,S	Brown clay 25;sand clay 100;hardpan stones 180;shale 193; dirty gravel clay 212;limestone 217. Water at 217.
Con XI	" 31	Hutton Trans- port Ltd.	"	Aug. 3,1966	6½	16	70	64	"	C	Brown clay 14;sand 18;blue clay stones 120;hardpan 128;lime- stone 148. Water at 148.
Con XI	" 32	G.Gregory	R.Hudson	Jan.22,1966	36	½	45	14	"	D	Brown clay 20;sandy clay 28;hard blue clay 45;gravel 46. Water at 45.
Con XI	" 33	S.Vanderpol	"	June19,1965	36	2	38	14	"	D	Brown clay 14;quicksand 20;blue clay 38;stones gravel 39. Water at 39.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
East Missouri Twp. - cont.										
Con XII lot 1	A. Armour	M. Jones	Oct. 30, 1965	5	10	78	66	Fresh	D	Hard clay 69; fine sand 72; sand hard clay 79; fine sand 93½; limestone 127. Water at 127.
Con XII " 2	A. Matheson	K. McLeod & Sons	Aug. 5, 1964	5½	7	46	28	"	D, S	Brown clay 5; blue clay 30; gravelly hardpan 60; hardpan 96; white hardpan 99; limestone 112. Water at 112.
Con XII " 4	A. Hossack	"	Feb. 5, 1964	5½	6	30	15	"	D, S	Sand gravel 20; hardpan stones 63; limestone 75. Water from 68 to 74.
Con XII " 6	W. Gee	"	May 20, 1965	4	5	50	35	"	D	Brown clay 15; sand gravel 40; hardpan stones 59; limestone 71. Water at 71.
Con XII " 11	H. Thornton	M. Jones	Feb. 28, 1967	5	20	45	10	"	D, S	Clay 20; stones clay 27; blue clay 59; stony clay 97; limestone 99. Water at 98.
Con XII " 24	G. Teylor	K. McLeod & Sons	Sep. 1, 1964	5	7	85	80	"	D, S	Brown clay 25; sand coarse sand 90; hardpan stones 165; white hardpan 173; limestone 179. Water at 178.
Con XII " 30	R. Pader	R. Hudson	Sep. 14, 1965	36	10	35	30	"	D, S	Brown clay 20; silty blue clay 30; fine sand 41. Water at 40.
Con XII " 32	C. Mossey	W. Hopper & Sons	Sep. 2, 1966	4	8	105	100	"	D, S	Topsoil 1; yellow clay 12; blue clay 90; hardpan 149; loose rock 153; brown limestone 210. Water from 200 to 210.
Con XIII " 5	G. Sutherland	K. McLeod & Sons	Sep. 15, 1967	5½	5	85	75	"	D, S	Sand 15; brown clay 30; blue clay 40; hardpan stones 112; limestone 148. Water from 138 to 148.
Con XIII " 15	G. Cucksey	"	Oct. 20, 1967	5	5	25	3	"	D, S	Brown clay 4; quicksand 50; sand gravel 75; hardpan stones 135; limestone 147. Water at 147.
Con XIII " 30	I. Kittmer	R. Hudson	Sep. 13, 1965	36	2	35	22	"	D	Brown clay 18; fine sand 39. Water at 22.
Con XIV " 1	J. Hutchison	K. McLeod & Sons	Jan. 22, 1964	4½	8	45	32	"	D, S	Brown clay 25; hardpan 60; blue clay 100; white hardpan 110; limestone 140. Water at 140.
Con XIV " 11	W. Haggerty	"	Oct. 13, 1965	4½	6	48	28	"	D, S	Brown clay stones 20; blue clay 80; hardpan 105; dirty gravel 113 rock 118. Water at 118.
Con XIV " 22	J. Baker	"	Jan. 11, 1965	4½	6	95	90	"	D, S	Brown clay 50; sand 148; stony hardpan 240; gravel 243. Water at 240.
East Oxford Twp.										
Con I lot 1	F. Farrington	H. Johnson	Apr. 15, 1967	36	10	35	15	Fresh	D	Brown sand 15; hardpan stone 46; sand layer. Water at 46.
Con I " 2	A. & J. Donna	National Pump & Water Supply	Sep. 2, 1964	41	7	32	30	"	D, S	Sandy topsoil 3; sandy clay 37; grey sandy clay 60; grey hardpan 95; quicksand 104; hardpan 110; quicksand 112; limestone 117. Water at 112.
Con I " 3	B. Toes	"	Oct. 3, 1964	4	3	40	29	"	D	Brown clay 20; grey clay 60; grey hardpan boulders 96; coarse sand 104. Water at 96.
Con I " 5	R. Stewart	W. Baird	Jan. 14, 1967	5	10	43	37	"	D	Brown clay 42; silty sand 73; grey clay 91; gravelly hardpan 102; grey shale 103; grey limestone 114. Water at 113.
Con I " 7	E. Barker	N. Steinman	Aug. 28, 1967	4	15	36	14	"	D	Brown clay 17; sand 23; grey clay 59; sand 97; grey clay 112; slabs limestone gritty clay 122; brown limestone 126; blue limestone 140; brown limestone 142. Water at 140.
Con I " 10	W. Case	National Pump & Water Supply	Nov. 25, 1967	5	10	55	40	"	D, S	Grey clay stones 30; blue clay 54; hardpan small stones 94; silt 104; shale 111. Water at 111.
Con I " 12	D. Beattie	Hadco Well Digging Ltd.	Nov. 8, 1965	5½	6	110	35	"	D	Clay 25; clay rock 75; shale 98; soft shale 99; grey rock 123; brown rock 129; grey rock 148; white rock 152. Water from 123 to 219 and from 148 to 152.
Con I " 12	G. Beattie	"	Feb. 3, 1964	30	1	36	25	"	D	Clay 25; sand 29; clay 34; clay gravel 37; hardpan 38. Water at 25.



OXFORD COUNTY - cont. East Oxford Twp. - cont.											
Con I	lot 15	G.Hipperson	National Pump & Water Supply	Nov.20,1964	4	4	50	20	Fresh	D	Brown clay 4;grey stony clay 26;gravelly clay 40;blue clay 65; hardpan boulders 90;coarse sand 102. Water at 32 and 90.
Con II	" 1	H.Scheltz	"	Mar. 4,1964	4	7	28	25	"	D,S	Black topsoil 3;blue clay 43;sandy grey clay 85;hardpan 117; fine sand 119;coarse gravel 121. Water at 85 and 119.
Con II	" 3	M.Moritz	"	Sep.30,1966	4	8	55	30	"	D	Dug well 28;grey clay 56;fine sand 69;hardpan stones 100; coarse sand 110;blue clay 128;gravel 130. Water at 110.
Con II	" 6	J.Shell	K.McLeod & Sons	Oct.20,1964	4½	6	50	42	"	D,S	Dark loam 5;blue clay 90;hardpan stones 128;limestone 164. Water at 164.
Con II	" 6	A.Mosley	National Pump & Water Supply	July15,1967	4	8	50	32	"	D	Clay grey stones 37;sand 46;hardpan 63;grey clay 83;sand 92; gravel 93. Water at 37 and from 92 to 93.
Con II	" 7	C.Payne	"	Jan. 2,1967	4	14	15	8	"	D,S	Topsoil 1;grey clay stones 46;hardpan 59;silt 69;hardpan 82; blue clay 90;limestone 119. Water at 119.
Con II	" 11	F.Crawford	K.McLeod & Sons	Mar.10,1964	4½	5	90	70	"	D	Brown clay 20;blue clay 90;hardpan stones 135;limestone 137. Water at 137.
Con II	" 15	T.Hanson	W.Baird	Oct. 4,1966	4	10	44	18	"	C	Brown clay 33;grey gritty hardpan 87;sand 91. Water at 90.
Con II	" 19	Woodstock PUC	International Water Supply Co.	Sep.30,1964	5				"	T	Topsoil 1;clay gravel sand 4;sand gravel 10;soft grey clay streaks sand gravel 26;brown clay gravel boulders 45;rock 51.
Con II	" 20	"	"	Oct. 2,1964	5				"	T	Topsoil 1;clay sand gravel 3;sand gravel 9;soft grey clay streaks gravel 19;clay gravel boulders 48;rock 49.
Con III	" 1	J.Siemievnek	H.Wood	Oct.26,1965	5	15	19	17	Fresh	S	Brown clay 7;grey clay stones 102;quicksand 122;hard blue clay 129;limestone 135. Water at 134.
Con III	" 2	G.Leake	National Pump & Water Supply	Sep.15,1966	4	7½	30	28	"	D	Topsoil 4;clay 40;fine sand 63;hardpan stones 80;silt 98; coarse sand 119;coarse gravel 121. Water at 98 and 121.
Con III	" 10	G.Buchanan	W.Baird	June 2,1967	5	35	18	8	"	D,S	Brown clay 34;grey clay 66;dark grey shale 67;dark grey limestone 75. Water at 74.
Con III	" 11	S.Lawrence	"	May 30,1967	5	10	67	29	"	D,S	Brown clay 12;sandy brown clay 85;sandy gravel 86;grey gritty hardpan 110;brown limestone 131. Water at 130.
Con III	" 12	E.Hird	Steinman & Baird	Apr. 6,1965	4	12	64	17	Sulphur	D,S	Brown clay 15;grey clay 69;silty sand 73;gravelly hardpan 90; limestone brown flint 123;brown limestone 137. Water at 95 and 137.
Con III	" 14	Mrs. Durling	H.Wood	Oct.24,1964	5	8	1	0	Fresh	D	Clay 22;clean coarse gravel 28. Water at 22.
Con III	" 16	Woodstock PUC	International Water Supply Ltd.	Oct.14,1964	5				"	T	Topsoil 2;clay sand gravel 4;sand gravel 10;clay gravel 36; soft silty clay sand 56;clay gravel 60;rock hard cemented boulders 62.
Con III	" 16	"	"	Oct. 8,1964	2				Flows	Fresh	T
Con III	" 16	"	"	Oct.15,1964	5						4-64
Con III	" 18	Oxford Sand & Gravel Ltd.	W.Baird	Oct.12,1966	5	7½	45	3	Fresh	D	Topsoil 1;clay gravel sand boulder 11;silty clay gravel 16; clay gravel sand 24;clay gravel 32;gravel clay 36;clay gravel 47;cemented clay broken gravel 54. Water at 36.
Con III	" 19	J.Tucker	K.McLeod & Sons	Sep.28,1965	4½	6	13	10	"	D	Stony gravel 6;gritty clay 19;gravel 22;fine dirty sand 80; shale 81;brown limestone 96. Water from 91 to 95.
Con III	" 19	H.Mackay	Steinman & Baird	Dec.10,1964	4	18	65	55	"	D	Blue clay 40;sand 60;gravel 62. Water at 62.
Con III	" 19	Dr.A.Clock	C.Kent Water Drlg	Dec.18,1964	5	5	74	6	"	P	Fill 7;brown gravelly clay 45;grey gravelly hardpan 60;grey silty clay 76;sandy gravel 80. Water from 78 to 80.
											Brown loam 2;yellow sand 10;yellow sand stones 21;cemented gravel 46;loose sand 48;cemented gravel 70;loose sand 71; brown limestone 77. Water at 77.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. East Oxford Twp. - cont. Con III lot 19	J. Pyne	Steinman & Baird	Jan. 8, 1965	5	20	55	25	Fresh	D	Brown gravelly clay stones 35; grey clay 55; grey silty clay 70; gravelly hardpan 102; silty gravel broken limestone 105; brown grey limestone 110; dark grey limestone 168. Water at 167.
Con III " 19	J. Kirby	K. McLeod & Sons	Mar. 17, 1966	4 1/2	6	20	8	"	D	Brown clay 10; sand gravel 25; red clay 38; fine gravel 39; gravel 40. Water at 40.
Con III " 20	G. Bragg	"	July 27, 1967	4 1/2	5	25	20	"	D	Brown clay stones 30; gravel 40. Water at 40.
Con III " 21	H. Klingenberg	"	July 24, 1967	4 1/2	5	23	18	"	D	Brown clay 15; dirty gravel stones 35; gravel 36. Water at 36.
Con IV " 1	S. Wallace	National Pump & Water Supply	Mar. 30, 1964	4	15	50	40	"	D, S	Brown clay 32; grey clay 56; blue clay 72; hardpan boulders 96; quicksand 102; limestone 114. Water at 103.
Con IV " 1	C. MacDouell	"	Apr. 15, 1967	4	7	15	5	"	D	Sand 5; brown clay 48; sand 52; clay sharp stones 94; gravel 97. Water at 97.
Con IV " 7	J. Wallace	Hadco Well Digging Ltd.	Aug. 25, 1965	5	5	110	13	"	D	Boulders clay 62; sand clay 98; sand gravel 100; grey bedrock 125. Water from 123 to 125.
Con IV " 6	E. Oxford Catholic School	K. McLeod & Sons	Dec. 2, 1965	5 1/2	8	50	24	"	P	Brown clay 15; blue clay 70; hardpan stones 102; grey bedrock 106. Water at 106.
Con IV " 7	H. Dittmar	National Pump & Water Supply	Apr. 24, 1967	4	7	40	30	"	D	Clay fill 5; grey clay stones 40; blue clay 55; sand 60; hardpan 82; blue clay 98; quicksand 102; grey bedrock 115. Water at 115.
Con IV " 12	Twp. E. Oxford	Steinman & Baird	June 19, 1965	5	15	75	37	"	C	Brown clay 18; grey gritty clay 78; gritty hardpan 115; stony gravelly hardpan 119; stony sandy gravel silt 122; silty clay 127; brown clay 143; brown grey limestone 145. Water at 144.
Con IV " 12	E. Harvey	C. Kent Water Well Drilling	Nov. 26, 1964	5	7	75	33	Sulphur	D	Loam 2; yellow stony hardpan 50; putty sand 92; cemented gravel sand 129; grey limestone 138. Water at 138.
Con IV " 13	J. McDowell	W. Baird	Oct. 31, 1966	5	6	88	38	"	D	Brown clay 16; grey clay 54; gritty hardpan 63; silty sand 112; gritty hardpan 154; brown shale 135; brown limestone 165. Water at 164.
Con IV " 16	Woodstock PUC	International Water Supply Ltd.	Oct. 26, 1964	2	40	7 1/2	6	Fresh	T	Topsoil 1; sand clay 3; sand gravel clay 5; clay gravel 15; clay gravel 43; gravel clay 48; clay gravel 58; sand gravel clay 86; rock. Water from 48 to 86.
Con IV " 16	"	"	Oct. 25, 1964	2				"	T	Topsoil 1; sand clay 3; sand gravel 5; clay gravel 43; gravel sand clay 53; gravel sand 85; rock.
Con IV " 16	"	"	Oct. 22, 1964	2				"	T	Topsoil 1; clay gravel sand 4; clay gravel 15; sand gravel clay 22; coarse gravel sand boulders clay 36; boulder 39; cemented clay gravel 66; sand gravel 80; sand gravel clay 91; rock 93. Water at 80 and 91.
Con IV " 20	C. Sheltens	N. Steinman	Dec. 20, 1966	4	12	25	18	"	D	Brown clay 31; grey clay 39; dirty gravel 43; stony hardpan 95; brown limestone slab 98. Water at 98.
Con V " 2	P. Dentandt	National Pump & Water Supply	Mar. 3, 1964	4	8	17	15	"	D, S	Brown clay 25; grey clay 40; hardpan 70; quicksand 75; limestone 92. Water at 75.
Con V " 9	M. Armstrong	K. McLeod & Sons	July 20, 1964	5 1/2	6	40	35	"	D, S	Clay 30; hardpan stones 56; gravel 60. Water at 59.
Con V " 16	D. Start	"	Aug. 5, 1964	5 1/2	6	65	65	"	D, S	Brown clay 4; gravel 14; blue clay stones 87; sand 90; hardpan 104; gravel 107. Water at 107.
Con V " 17	D. Wood	Hadco Well Digging Ltd.	Mar. 18, 1966	5	75	45	1/2	"	D	Sand 10; clay boulders 35; sand 36; clay boulders 50; sand gravel 68. Water from 60 to 68.
Con V " 17	H. Harmer	K. McLeod & Sons	July 13, 1964	4 1/2	6	40	6	"	D	Brown clay 6; hardpan stones 67; gravel 68. Water at 68.
Con V " 18	L. Chalmers	Warren Water Wells	Sep. 11, 1964	5	5	39	2	"	D	Clay stones 2; pit gravel boulders 35; coarse sand 39. Water at 39.

OXFORD COUNTY - cont.  
East Oxford Twp. - cont.

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Con V	lot 18	M. Hart	Steinman & Baird	Oct. 12, 1965	4	20	25	18	Fresh	D	Topsoil 8; stony hardpan 25; gravelly clay 51; gravelly hardpan 100; grey clay 122; broken limestone shale 135; brown limestone 139. Water at 138.
Con V	" 18	"	National Pump & Water Supply	Aug. 30, 1965	4				Silty	N	Brown clay 30; grey clay boulders 58; silt boulders 82. Water at 76.
Con V	" 19	S. Slager	Steinman & Baird	Aug. 31, 1964	4	15	25	13	Fresh	D	Sandy topsoil 6; loose sandy gravel 15; grey gravelly clay 45; grey gravelly hardpan boulders 90; grey silty clay 125; gravelly hardpan 131; brown grey limestone 137. Water at 136.
Con V	" 19	A. Bosch	Warren Water Wells	Sep. 21, 1964	5	5	25	Flows	"	D	Yellow clay 4; gravel boulders 22; clay stones 35; fine gravel 36. Water at 36.
Con V	" 20	C. Edwards	K. McLeod & Sons	Oct. 21, 1966	4½				"	D, S	Previously drilled 109; fine sand 120; gravel 122. Water at 120.
Con VI	" 4	P. Ficht	Hadco Well Digging Ltd.	Aug. 24, 1965	5	8	105	15	"	D	Boulders clay 65; sand 70; sand gravel 71; boulders clay 82; sand 92; grey rock 117. Water from 115 to 117.
Con VI	" 4	"	"	Aug. 12, 1965					"	D	Topsoil 1; brown clay 8; blue sandy clay 18; grey sand 20; rocks clay. Dry hole.
Con VI	" 14	R. Abby	K. McLeod & Sons	Nov. 30, 1967	5½	5	80	68	Fresh	D, S	Brown clay 40; hardpan 80; sand gravel 98. Water at 98.
Con VI	" 15	"	"	July 23, 1964	5½	6	26	23	"	D, S	Brown clay 35; sand 45; clay 56; gravel 58. Water at 58.
Con VI	" 19	K. Talbot	Hadco Well Drlg. & Digging Ltd.	July 14, 1967	30	3	28	13	"	D	Topsoil 1; brown clay 12; sand 16; blue sandy clay 21; sand 23; blue clay 30. Water at 13.
Con VI	" 20	T. Vanwyk	K. McLeod & Sons	Sep. 23, 1965	4½	6	8	5	"	D, S	Brown clay 30; blue clay 90; hardpan stones 118; gravel 120; hardpan 133; limestone 136. Water at 136.
Con VII	" 2	D. Vandebyl	H. Wood	Mar. 4, 1964	5	6	19	19	"	S	Yellow sand 4; blue clay 20; clay boulders 60; dirty gravel 65; hardpan 67; grey rock 69. Water at 69.
Con VII	" 6	F. Slack	E. Hoover	Jan. 18, 1964	5	3	10	7	"	D, S	Clay 10; clay boulders 40; clay stones 80; grey rock 82. Water at 82.
Con VII	" 7	F. Bongaerts	National Pump & Water Supply	Aug. 18, 1967	4	16	10	Flows	"	D, S	Topsoil 2; clay grey stones 29; hardpan 75; gravel 76. Water at 29 and from 75 to 76.
Con VII	" 12	W. Esseltine	J. Stefan	Jan. 8, 1964	4	10	4	"	"	S	Sandy clay 60; hard clay 65; fine gravel 66. Water at 65.
Con VII	" 13	D. McIntosh	Hadco Well Drlg. & Digging Ltd.	Nov. 7, 1967	5	10	80	30	"	D	Brown clay 20; blue clay 140; hardpan 192; grey sand 197; hardpan 215; blue rock 245. Water at 245.
Con VII	" 19	B. Easton	K. McLeod & Sons	Nov. 2, 1965	4	3	87	35	"	D	Brown clay 10; blue clay 50; hardpan stones 87; sand 90; gravel 92. Water at 90 and 92.
Con VII	" 21	R. Treleaven	H. Wood	May 7, 1965	5	12	2	2	"	D, S	Clay stone 40; quicksand 110; putty sand 195; clay 184; grey rock 186. Water at 186.
Con VII	" 21	J. Allan	"	Aug. 15, 1967	5	6	142	3	"	D, S	Clay boulders 40; grey clay 120; quicksand 147; gravel 150. Water at 149.
Con VIII	" 3	O. Thompson	Cole Water Wells	Aug. 16, 1965	5	7	60	25	"	S	Clay loam 1; yellow clay 17; yellow sand 23; gravel sand streaks clay 68; gravel 75. Water from 68 to 75.
Con VIII	" 11	B. Griffin	K. McLeod & Sons	Dec. 6, 1967	5	5	15	2½	"	D, S	Brown clay sand 18; gravel 20. Water at 20.
Con VIII	" 15	F. Losee	"	Feb. 28, 1966	5½	6	25	20	"	D, S	Brown clay 15; blue clay 70; sand 75; gravel 77. Water at 77.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation extend below the surface are given in feet)
OXFORD COUNTY - cont. East Zorra Twp. Con IX lot 2	W. Magill	Steinman & Baird	Aug. 17, 1965	4	25	41	26	Fresh	D	Grey gravelly clay boulders 35; gritty clay 45; gritty silty clay 55; gravelly silty hardpan 77; clay silt 116; gravelly hardpan 129; brown grey limestone 138. Water at 137.
Con IX " 2	"	W. Baird	May 16, 1966	4	15	33	23	"	D	Stony gravelly grey clay 42; gritty grey clay 81; silty grey clay 84; gritty hardpan 98; sand 99; gritty blue clay 113; grey shale 115; brown limestone 120. Water at 119.
Con IX " 2	"	Steinman & Baird	May 7, 1964	4	10	85	46	"	D, S	Brown sandy clay 37; grey silty gravelly clay 75; grey silty stoney clay 90; grey silty gravelly clay 109; brown silty stoney clay 130; brown grey limestone 133; brown limestone gypsum 138; brown grey limestone 145. Water at 145.
Con IX " 5	A. Hart	C. Kent Water Well Drig.	Jan. 23, 1964	5	20	100	32	"	D, S	Gravel yellow sand 30; clay 40; sandy hardpan 75; sand 85; sandy hardpan stones 100; sand 105; sandy hardpan 138; limestone 140. Water at 140.
Con IX " 8	C. Bartlett	"	Feb. 5, 1964	5	15	30	8	"	D, S	Yellow clay stones 22; stones 30; sandy hardpan 40; clay stones 50; clay sand hardpan 65; dirty sand 85; sandy hardpan 95; sand 102; gravel 110. Water at 108 and 110.
Con IX " 8	A. Mayer	"	Feb. 12, 1964	5	10	40	6 1/2	"	D	Yellow sand 10; grey clay stones 30; clay 50; sand 63; sandy hardpan 90; sand 100; gravel 105. Water at 105.
Con IX " 17	C. Vanderspek	Steinman & Baird	Sep. 10, 1964	4	20	25	Flows	"	D, S	Grey stony clay 40; grey silty clay 68; grey silty hardpan 79; grey silty gravelly clay 89; silty sand 93; silty clay 129; gravelly hardpan 131; brown grey limestone 134. Water from 131 to 134.
Con IX " 19	F. Balkina	N. Steinman	June 30, 1966	4	20	25	22	"	D, S	Clay 19; stony hardpan 37; gritty clay 57; sandy dirty gravel 64; clay 182; brown shale 185. Water at 185.
Con IX " 21	J. Murray	Steinman & Baird	May 11, 1964	4	20	72	59	"	C	Brown silty sand 29; grey gravelly silty clay 85; grey gravelly silty hardpan 140; brown gravelly clay 155; grey gravelly clay 160; grey silty sandy gravel 166; gravelly clay 180; silt sand 205; gravelly hardpan 220; light brown grey limestone 224. Water at 224.
Con IX " 21	S. Pearson	N. Steinman	July 21, 1967	4	15	59	47	"	D, S	Brown clay 8; sandy brown clay 21; grey gritty clay 142; grey clay 193; gritty hard clay 204; layers rock gritty hard clay 219; grey brown limestone 222. Water from 120 to 122.
Con IX " 35	G. Schaefer	G. Wallis	Mar. 2, 1964	6 1/2	15	95	46	"	D, S	Gravelly brown sandy soil 16; heavy gravelly blue clay large stones 55; sand gravelly blue clay 175; blue clay heavy gravel small stones 188; fine running sand 199; coarse sand gravel stones 206; brown limestone 212. Water at 210.
Con X " 1	R. John Constr.	Hadoo Well Drig.	Aug. 30, 1967	5	8	65	45	"	D	Topsoil 1; sand gravel rock 25; blue clay 33; sand gravel 35; blue clay stones 80; hardpan 110; gravel 112. Water at 111.
Con X " 13	F. Cole	Steinman & Baird	Jan. 23, 1964	4	7 1/2	105	65	Sulphur	D, S	Gritty clay stones 31; gravel 32; gritty clay 105; hardpan 117; dirty gravel 124; limestone 180. Water at 180.
Con X " 16	F. Alexander	N. Steinman	Sep. 23, 1967	4	12	71	62	Fresh	D, S	Gritty hard clay stones 39; gritty hard clay 135; sand 139; gritty hard clay 170; slabs brown limestone 173. Water at 173.
Con X " 18	C. DeGier	E. Russey	Mar. 13, 1964	4	8	75	75	"	D, S	Red sand 14; yellow sand 34; boulders 36; fine grey sand 47; sandy hardpan gravel streaks 87; fine grey sand 115; boulders 116; fine grey sand 127; boulders coarse gravel 129; fine grey sand 145; sandy hardpan 198; medium gravel 199. Water at 198.

OXFORD COUNTY - cont. East Zorra Twp.-cont.												
Con X	lot 19	G.Paquette	Steinman & Baird	Mar.14,1964	4	15	72	65	Fresh	D,S	Clay stones 68;fine sand 82;clay 139;sand 166;sandy clay 206; sand 214;limestone 216. Water at 216.	
Con X	" 21	P.Slager	Hadco Well Digging Ltd.	Jan. 4,1966	30			24	"	D	Brown clay 3;sand 4;sandy clay 25;blue clay boulders 32;blue sand 35. Water from 32 to 35.	
Con X	" 24	K.Wilker	N.Steinman	Mar.16,1966	5	15	50	37	"	D,S	Brown clay 9;gritty brown clay 29;hardpan 69;sand 87;sandy clay 99;clay 123;hardpan 169;grey clay 174;sandy dirty gravel 186;sand gravel 192. Water at 192.	
Con XI	" 4	Ont.Hospital Farm	C.Goodberry Well Drlg. Ltd.	Oct.28,1964	6	40	70	3	Sulphur	D,S	Topsoil 2;clay gravel 88;grey limestone 100. Water at 95.	
Con XI	" 6	V. Ede	International Water Supply	Aug. 2,1966	8				Flows	Fresh	T 1-66	Topsoil 1;clay gravel 27;coarse sand gravel boulders 46;dirty sand gravel 48;clay gravel 54;fractured limestone 69;brown limestone 107;grey limestone 166;brown limestone 189. Water at 27.
Con XI	" 6	W.Vink	Steinman & Baird	May27, 1964	4	8	25	16	"	D	Brown sandy clay 12;silty stones grey clay 45;silty gravel 50;gravelly hardpan 60;coarse gravel 62. Water at 62.	
Con XI	" 6	V.Ede	National Pump & Water Supply	Mar.25,1967	4				Flows	"	D	Clay stones 18;blue clay 29;sand 35;clay 49;gravel 50. Water from 49 to 50.
Con XI	" 7	H.Moore	K.McLeod & Sons	Nov. 4,1964	4 1/2	6	30	25	"	D	Brown clay 15;blue clay 65;hardpan stones 105;limestone 131. Water at 131.	
Con XI	" 7	S.Prosser	"	Mar.14,1966	4 1/2	6	20	18	"	D	Brown clay 20;hardpan stones 94;gravel 95. Water at 95.	
Con XI	" 8	J.GreneWegen	"	Oct.29,1965	4 1/2	6	30	25	"	D,S	Brown clay gravel stones 30;blue clay stones 60;hardpan 80; reddish clay stones 97;brown limestone 115. Water at 115.	
Con XI	" 11	B.Bourne	Hadco Well Digging Ltd.	Aug. 8,1966	30	2	29	24	"	D	Topsoil 6;brown clay rocks 12;grey sand gravel 18;gravel 29. Water at 24.	
Con XI	" 14	G.McCreery	Steinman & Baird	July26,1965	5	12	105	58	"	D	Brown clay 8;stony hardpan 72;grey clay 119;gritty hardpan 140;limestone slabs 143;grey brown limestone 199. Water at 152 and 199.	
Con XI	" 15	E.Cross	"	Aug.17,1964	5	20	75	67	"	D	Stones grey clay 47;gritty grey clay 70;hardpan 97;gritty grey clay 117;gravelly hardpan 128;dirty gravel 132;sand 137;soft shale 157;grey limestone 158. Water at 158.	
Con XI	" 15	V.King	"	Sep. 1,1965	7	40	68	58	"	D	Stony brown clay 44;gritty grey clay 88;gritty hardpan 107; Grey clay 119;gritty red clay 139;grey shale 143;grey limestone 144. Water at 143.	
Con XI	" 15	T.Tyson	W.Baird	May 6,1967	7	20	66	45	"	D	Brown clay 28;grey gritty clay 106;gritty hardpan 122;dirty gravel 141;brown shale 144;brown limestone 151. Water at 150.	
Con XI	" 16	A.Packer	C.Kent Water Well Drlg.	Mar. 6,1964	5	20	65	32	"	D,S	Black earth 2;yellow sand 54;grey putty sand 90;clay stones 96;gravel 99. Water at 99.	
Con XI	" 19	F.Currah	Steinman & Baird	May26, 1964	5	30	60	41	"	D	Sandy clay 20;hardpan 38;sandy gritty clay 95;gravelly hardpan 121;brown clay 128;gravelly hardpan 149;sandy clay 178; shale 186;grey limestone 193. Water at 192.	
Con XI	" 19	R.McArdle	"	June10,1964	4	15	79	69	"	D	Sandy brown clay 22;hardpan 41;sandy clay 62;fine sand 72; sandy clay 117;grey gritty clay 164;gravelly hardpan 174; dirty sandy gravel 211;shale 219;grey limestone 224. Water at 223.	
Con XI	" 19	G.Rudy	N.Steinman	July 3,1967	5	15	52	40	"	D,S	Brown clay 14;gritty grey clay 46;dirty gritty sand clay 76; clay 92;gritty hard brown clay 115;sandy gravel 119. Water at 119.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. East Zorra Twp.-cont. Con XI lot 21	J.Knudsen	N.Steinman	Aug. 8,1966	5	15	51	41	Fresh	D,S	Fill 4;brown clay 14;stony hardpan 44;clay 59;hardpan 84;gritt clay 122;clay 159;shale 162;grey limestone 168. Water from 167 to 168.
Con XI " 24	P.Roe	Steinman & Baird	Oct.19,1964	4	8	53	17	"	D,S	Brown sandy clay 28;brown silty sand gravel 50;grey silty sand gravel 76;grey silty clay 92;grey silty hardpan 105;grey silty clay 120;gravelly hardpan 152;sandy gravel 154. Water at 153.
Con XI " 30	G.Pletsch	G.Wallis	Oct.25,1965	6½	25	60	38	"	S	Brown clay sandy gravelly 24;brown sand 45;sandy grey silt 50; sand gravelly blue clay 92;clay silt sand gravel 100;sandy blue clay 115;clay silt sand gravel 129;yellowish brown limestone 142½. Water at 140.
Con XI " 31	R.Brenneman	Steinman & Baird	Oct. 1,1965	5	15	34	32	"	D,S	Grey clay 26;grey clay boulders 44;dirty sand gravel 48;grey clay boulders 70;hardpan gritty clay 122;dirty sand gravel 136. Water at 136.
Con XI " 32	R.Wilker	"	May 27,1964	4	15	13	11	"	D,S	Brown clay 13;grey clay 54;fine sand 57;grey clay 91;sand gravel 95;brown clay 130;gravel 131. Water at 131.
Con XII " 3	Ont. Water Resources Comm.	"	July 20,1965	8	40	35	Flows	Sulphur	T	Loam 4;fine brown sand 28;grey clay 46;gravelly hardpan 46½; gravel 47;gravelly hardpan 51;grey limestone flint 85. Water at 84.
Con XII " 3	"	"	June 11,1965	8	40	40	1½	"	T	Loam 4;fine brown sand 28;grey clay 46;gravelly hardpan 46½; gravel 47;coarse gravelly hardpan 51;grey limestone 64. Water from 46½ to 47 and at 63.
Con XII " 4	A.Lunn	"	May 11,1964	4	14	36	29	Fresh	D	Topsoil 6;brown gravelly hardpan 20;brown silty gravel 31; brown silty clay 55;grey silty clay 60;brown limestone grey flint 62. Water at 60.
Con XII " 4	C.Birtch	"	May 12,1964	7	45	71	44	"	D	Gravelly clay stones 51;grey clay 63;hardpan 81;shale 88; brown limestone 90. Water at 90.
Con XII " 4	C.Anderson	K.McLeod & Sons	Mar.26,1964	4½	6	50	40	"	D	Dirty gravel stones 20;hardpan 50;blue clay stones 89;limestone 94. Water at 94.
Con XII " 4	G.Latford	"	Apr.15,1964	4½	6	40	30	"	D	Dirty gravel stone 20;hardpan stones 50;blue clay stones 87; limestone 90. Water at 90.
Con XII " 7	R.Symons	Steinman & Baird	May 7,1964	7	45	24	18	"	D	Stony brown clay 16;grey sandy clay 81;hardpan 96;brown limestone 103. Water at 103.
Con XII " 8	K.Bendall	Hadoo Well Digging Ltd.	Sep. 3,1965	30	2		14	"	D	Brown sand clay rocks 14;grey sand gravel 16;grey clay 18; brown sandy clay 28;gravel sand 32. Water from 14 to 16 and from 28 to 32.
Con XII " 13	J.Pallister	Steinman & Baird	Aug. 5,1965	5	15	24	12	"	D,S	Topsoil 6;brown sandy clay 14;grey silty gravel boulders 35; grey gravel clay boulders 50;grey clay 53;sand gravel 61. Water from 57 to 61.
Con XII " 13	J.Jahodski	K.McLeod & Sons	June 26,1967	5½	5	25	20	"	D	Brown clay 10;blue clay 25;hardpan 80;gravel clay 102;gravel 103. Water at 103.
Con XII " 15	H.Brown	C.Kent Water Well Drig.	Feb.26,1964	5	10	50	33	"	D	Yellow sand 10;stones clay 29;sandy hardpan 44;clay stones 60;sandy hardpan 72;sand 85;limestone shells 88;limestone 105. Water at 92, 97 and 102.
Con XII " 15	Dr.C.McPherson	W.Baird	Jan.20,1966	7	20	41	22	"	D	Sand 18;gritty hardpan 49;blue clay 57;hardpan 69;brown clay 81;shale 84;brown limestone 85. Water at 84.
Con XII " 20	G.Middleton	Steinman & Baird	Feb.20,1964	4	6	24	9	"	D	Clay fill 5;clay 43;gritty clay 70;fine gravel 71. Water at 71.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
East Zorra Twp. - cont.										
Con XIII lot 23	K.Roi	K.McLeod & Sons	Aug. 2, 1967	5	7	0	Flows	Fresh	D,S	Topsoil 3;sand gravel 25;hardpan stones 68;brown clay 89; gravel 90. Water at 90.
Con XIII "	30 M.Schmidt	N.Steinman	Mar.24, 1966	5	20	15	0	"	D,S	Sand 9;clay 71;hardpan 93;layers brown shale 114;grey limestone 120. Water from 118 to 120.
Con XIII "	32 S.Erb	C.&H. Kerr	Feb.14, 1964	6 1/2	15	30	0	"	D,S	Brown clay 6;sand 11;blue clay 20;marl 24;blue clay 40;marl 43;blue clay 52;gravel 53. Water at 52 1/2.
Con XIII "	33 D.Zehr	Steinman & Baird	Oct.31, 1964	4	15	25	Flows	"	D,S	Brown clay 18;sandy gritty clay 24;brown clay 48;sandy dirty gravel 56;brown clay 88;gritty hardpan 99;layers limestone shale 108;brown limestone 116. Water from 114 to 116.
Con XIV "	6 D.Lazenby	W.Baird	Aug. 4, 1966	5	10	106	68	"	D	Stony clay 16;gravel 39;sand 51;gravelly clay 99;fine sand silt 104;sandy clay 129;brown shale 131;brown shale 131; brown limestone 158;grey limestone 160. Water at 159.
Con XIV "	7 R.Daniels	N.Steinman	May 31, 1966	5	15	70	55	"	D,S	Brown clay 11;clay boulders 44;gritty clay 64;dirty sandy gravel 104;brown clay 119;slabs shale gravel 128;broken rock 130. Water at 130.
Con XIV "	9 J.Koops	"	Feb.15, 1966	5	15	71	48	"	D,S	Grey clay 21;stony hardpan 51;layers limestone gritty hardpan 80;grey brown limestone 168. Water from 166 to 168.
Con XIV "	22 D.Smith	Steinman & Baird	Feb.14, 1964	5	10	45	10	"	D,S	Clay stones 31;gritty clay stones 86;dirty gravel 88;shale 90;brown limestone 105. Water from 92 to 105.
Con XIV "	22 C.Langfield	N.Steinman	June24, 1967	5	15	25	8	"	D,S	Grey clay stones 52;gritty clay 73;grey clay 103;grey limestone slabs 107;grey limestone 112. Water from 110 to 112.
Con XIV "	23 W.Zehr	W.Locker	Jan.26, 1964	5	3 1/2	5	3	"	D,S	Topsoil 2;stony brown clay 32;blue clay 86;brown limestone 96 1/2. Water at 96.
Con XIV "	25 B.Kaufman	Steinman & Baird	June13, 1964	4	13	27	Flows	"	S	Clay 21;stones 30;grey clay 77;hardpan 99;slabs limestone hardpan 113;grey brown limestone 128;brown limestone 145. Water at 120 and 145.
Con XIV "	30 W.Swartzentruber	"	June23, 1964	4	10	30	2	"	D,S	Stones brown clay 15;grey clay 34;gravelly hardpan 39;grey clay 72;hardpan 83;dirty gravel 92;gritty hardpan 104;shale 109;grey limestone 113;brown limestone 119. Water at 119.
Con XIV "	31 S.Erb	Kerr's Well Drlg.	Aug.12, 1967	4	20	30	8	"	D,S	Blue clay 50;boulder clay 55;very stony clay 118;grey limestone 136. Water at 134.
Con XIV "	36 S.Kropf	R.Hudson	July23, 1966	36	5	40	10	"	D,S	Brown clay 10;blue clay 40;sandy clay 42. Water at 42.
Con XV "	9 J.Hilderley	Steinman & Baird	July27, 1964	4	19	40	24	"	D,S	Brown stony clay 11;grey stony gravelly clay 60;gravelly hardpan 70;gravelly clay 74;brown grey limestone 80. Water at 79.
Con XV "	9 M. Birtch	C.Kent Water Well Drlg.	Dec. 8, 1964	5	7	32	2	"	D	Yellow sand stones 18;grey putty sand 20;yellow sand stones 47;grey limestone 63. Water at 50 and 63.
Con XV "	11 C.McGillivray	Steinman & Baird	Nov.13, 1965	4	8	50	22	"	D,S	Topsoil 6;gravelly clay 28;grey clay 55;shale 59;grey limestone 69. Water at 68.
Con XV "	11 R.Beacham	C.Kent Water Well Drlg.	Mar.24, 1964	5	15	40	15	"	D	Yellow sand stones 20;clay stones 30;coarse rock 35;mud 36; grey limestone layers 42;grey limestone 75. Water at 75.
Con XV "	23 D.Zehr	N.Steinman	Aug.20, 1966	5	15	39	13	"	D,S	Fill 3;clay 41;hardpan 52;gritty sandy clay 79;grey clay 93; grey shale 97;grey limestone 114;brown limestone 126;grey brown limestone 139. Water from 125 to 139.
Con XV "	34 K.Ruby	W.Hopper	June19, 1967	5	10	30	26	"	D,S	Yellow clay 12;red clay 60;blue clay stone 122;hardpan 154; brown limestone 164. Water from 160 to 164.
Con XVI "	17 P.Hannenburg	Steinman & Baird	Feb. 5, 1964	4	12	55	40	"	D,S	Clay 41;gritty clay 67;grey clay 83;shale 84;limestone 125. Water at 124.

OXFORD COUNTY - cont.  
 East Zorra Twp. - cont.

Con XVI	lot 22	K.Keinz	N.Steinman	Sep. 7, 1966	5	15	25	4	Fresh	D,S	Clay stones 47; dirty gravel 56; hardpan 73; grey limestone 101; brown limestone 114. Water from 100 to 114.
Con XVI	" 32	E.Bender	Steinman & Baird	Sep. 15, 1964	4	12	28	15	"	D,S	Brown clay 22; grey clay 44; silty sand 48; grey gritty clay 77; sand 79; gravelly hardpan 125; limestone 151. Water at 131 to 151.
Con XVI	" 33	H.Schumm	N.Steinman	Sep. 23, 1966	5	15	50	22	"	D,S	Grey clay 51; dirty sand 64; grey clay 76; gritty hardpan 87; grey clay 96; hardpan 107; grey limestone 127; brown limestone 129. Water from 112 to 129.
Con XVII	" 9	I.Beres	Steinman & Baird	Oct. 15, 1964	4	14	38	28	"	D	Brown sandy clay 10; brown grey limestone 38; light brown limestone 50. Water from 46 to 50.
Con XVII	" 9	H.Carter	"	Nov. 27, 1964	4	20	33	26	"	D	Topsoil 3; brown grey limestone 41; light brown limestone 53; hard light brown limestone 55. Water from 53 to 55.
Con XVII	" 9	J.Klein	N.Steinman	Apr. 22, 1967	5	15	21	19	"	D	Well pit basement 10; broken limestone 25; limestone 35. Water at 33 and 35.
Con XVII	" 10	J.Major	"	July 13, 1966	4 1/2	15	31	29	"	D	Brown clay 15; gravel 21; clay 35; grey limestone 48. Water from 46 to 48.
Con XVII	" 10	A.Mulder	Steinman & Baird	Apr. 7, 1965	4	16	35	31	"	D	Brown clay stones 10; slabs brown limestone 16; brown limestone 59. Water from 56 to 59.
Con XVII	" 10	F.Lock	"	July 3, 1964	5	20	30	25	"	D	Topsoil 11; broken brown grey limestone 20; light grey limestone 30; light brown grey limestone 50. Water at 49.
Con XVII	" 10	J.Thompson	I.Davis	Aug. 24, 1965	6 1/2	6	35	25	"	D	Stones clay 30; grey limestone 50. Water at 48.
Con XVII	" 10	I.Remington	N.Steinman	Aug. 11, 1966	4	12	36	27	"	D	Fill 4; clay 9; limestone slabs clay 19; limestone 24; clay 26; limestone 47. Water from 45 to 47.
Con XVII	" 10	S.Riddell	"	Sep. 27, 1966	4	15	28	24	"	D	Dry well 5; brown clay 25; slabs limestone clay 29; grey limestone 39; brown limestone 41. Water at 35 and 41.
Con XVII	" 11	W.Scott	"	June 16, 1967	5	12	36	32	"	D	Brown clay 32; brown shale rock slabs 40; brown grey limestone 53. Water from 50 to 53.
Con XVII	" 11	L.Mutt	"	Sep. 1, 1967	4	15	36	29	"	D	Brown clay 34; limestone 54. Water from 48 to 54.
Con XVII	" 11	C.Bezstery	"	Sep. 6, 1967	4	15	35	27	"	D	Brown clay 31; slabs limestone clay 37; limestone 52. Water at 49 and 52.
Con XVII	" 11	E.Curtis	"	Apr. 25, 1967	4	15	38	26	"	D,S	Brown clay 33; shale 35; limestone 51. Water at 49 and 51.
Con XVII	" 22	H.Percy	"	May 17, 1966	5	15	8	Flows	"	D,S	Grey clay boulders 53; grey clay 74; gritty clay 79; shale slabs gravel 83. Water at 83.
Con XVII	" 27	I.Stire	Hadco Well Digging Ltd.	Aug. 16, 1966	30	2	18	10	"	D	Topsoil 1; brown clay 12; brown sand gravel 14; blue clay 20. Water at 14.
Con XVII	" 33	V.Roth	Steinman & Baird	Nov. 9, 1965	4	15	33	19	"	D,S	Clay 24; hardpan 36; grey clay 54; silty grey clay 81; gritty hardpan 102; limestone slabs 112; grey brown limestone 132. Water at 115 and 132.
Con XVIII	" 11	E.Baker	"	Sep. 26, 1964	4	20	30	26	"	D	Brown silty sand 13; brown gravelly hardpan 27; light brown limestone 48. Water at 48.
Con XVIII	" 11	D.Allen	C.Kent Water Well Drlg.	Nov. 16, 1964	5	4	50	32	"	D	Yellow sand clay 21; blue clay pebbles 32; brown grey limestone 52. Water from 49 to 52.
Con XVIII	" 28	J.Fleming	C.&H.Kerr	Jan. 10, 1965	4 1/2	17	30	15	"	D,S	Dug well 15; stony clay 91; grey limestone 115. Water from 100 to 115.
Ingersoll Town		Upper Thames Concrete	K.McLeod & Sons	Oct. 31, 1966	5	25	30	20	Fresh	In	Gravel 35; hardpan stones 88; hard rock 90; limestone 93. Water at 93.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
OXFORD COUNTY - cont. North Norwich Twp.										
Con I lot 2	L.Rush	H.Wood	May 14, 1964	5	6	21	21	Fresh	D,S	Yellow sand 15; blue clay 56; gravel 57; hardpan 59; grey rock 60. Water at 60.
Con I " 8	B.Williams	K.McLeod & Sons	Nov. 3, 1965	4 1/2	6	12	10	"	D	Brown clay 10; blue clay 20; sand clay 27; gravel 28. Water at 28.
Con I " 14	W.Bowen	Warren Water Wells	Aug. 17, 1967	5	5	25	3	"	D	Yellow clay 19; boulders gravel 23; grey clay stones 49; grey clay 64; pit gravel 76; grey clay stones 85; coarse sand 89. Water at 89.
Con I " 16	R.Austin	K.McLeod & Sons	Sep. 14, 1966	5 1/2	5	28	24	"	D,S	Brown clay 15; blue clay 60; sand 100; coarse sand gravel 106. Water at 106.
Con I " 20	W.Krygsman	Warren Water Wells	Nov. 26, 1966	5	5	55	40	"	D	Black soil 2; yellow clay 23; grey clay stones 68; pit gravel 102; dirty grey sand 103; clay boulders 157; fine gravel 160. Water at 103 and 160.
Con I " 22	R.Henry	W.Locker	July 16, 1964	5 1/2	25	14	9	"	D	Topsoil 2; brown clay 16; stony blue clay hardpan 34; gravel 35. Water at 34.
Con I " 22	G.Henry Sr.	"	July 20, 1964	5	1	19	11	"	N	Topsoil 2; yellow clay 12; blue clay hardpan 19; gravel coarse sand 23. Water at 19.
Con I " 22	"	W.Burwell	Aug. 13, 1965	5	6	90	34	"	D	Brown clay stone 40; blue clay stone 90; gravel 134. Water at 134.
Con II " 6	H.Taylor	Cole Water Wells	Jan. 21, 1964	5	4	49	20	"	S	Yellow clay stones 21; grey clay 58; sand gravel 63. Water from 58 to 63.
Con II " 4	K.Hill	Warren Water Wells	Mar. 31, 1965	5	15	12	7	"	D,S	Yellow clay boulders 42; gravel 59; grey shale 61. Water at 61.
Con II " 9	W.Haight	E.Hoover & Son	Feb. 5, 1964	5	3	35	30	"	D,S	Red clay 20; blue clay 65; sand 72; gravel 73. Water at 72.
Con II " 14	W.McMillen	K.McLeod & Sons	Oct. 6, 1966	4 1/2	5	25	20	"	D	Brown clay 6; blue clay 24; dirty gravel 29; gravel 31. Water at 31.
Con II " 15	Burgesville Library	"	Aug. 22, 1966	4	10	Flows	Flows	"	P	Brown clay sand 14; blue clay 30; gravel 40; hardpan stones 70; dirty gravel 85; hardpan stones 122; limestone 125. Water at 125.
Con II " 23	H.Davis	Warren Water Wells	Feb. 15, 1964	5	10	65	35	"	D	Yellow clay 42; gravel clay 125; sand 125; clay stones 133; sand 139. Water at 125 and 139.
Con III " 1	R.Edgeworth	J.Stefan	Aug. 17, 1967	4	10	32	30	"	D	Sandy clay clay streaks 60; grey shale 61. Water at 61.
Con III " 6	J.Hutchinson	Cole Water Wells	Jan. 15, 1964	5	8	50	36	"	D	Open hole 25; white sand 30; grey clay stones 97; gravel sand 100. Water from 97 to 100.
Con III " Gore	M.Tait	H.Wood	Oct. 14, 1967	5	12	56	58	"	D	Clay 10; clay boulders 45; putty sand 59; gravel 62. Water at 62.
Con IV " 8	E.Moses	K.McLeod & Sons	Oct. 13, 1966	4 1/2	4	50	20	"	D	Brown clay 25; blue clay 67; gravel 68. Water at 68.
Con IV " 13	W.Clark	Hadco Water Well Drigs.	Aug. 19, 1964	4	7	65	40	"	N	Clay 12; sand 18; clay 21; sand 25; clay sand 72; carbonated shale 74; sand gravel 87; clay rock 103; gravel 107; clay 110. Water at 107.
Con IV " 13	"	"	July 16, 1965	4 1/2	3	90	50	"	D	Clay 14; sand clay 72; sand gravel 87; rock gravel 97; clay rock 115. Water from 87 to 97.
Con IV " 21	J.Redding	Cole Water Wells	July 31, 1965	5	4	66	14	"	D,S	Clay loam 1; yellow clay 14; grey clay 26; white sand 30; soft clay 61; gravel sand 66. Water from 61 to 66.
Con IV " 23	H.McGaw	H.Wood	Oct. 25, 1966	5	8	5	4	"	D	Sand 12; grey clay 47; blue clay boulders 107; grey clay gravel 120; grey limestone bedrock 122. Water at 121 to 122.
Con V " 3	J.Pathy	P.V.K. & Sons	Mar. 10, 1967	2	520		9	"	Ir	Topsoil 1; silty sand 9; clean sand 30. Water at 9.
Con VI " 6	A.VanEsch	Warren Water Wells	July 3, 1964	5	10	33	32	"	D	Yellow sand boulders 25; pit gravel 50; coarse sand 59. Water at 59.

OXFORD COUNTY - cont.											
North Norwich Twp. - cont.			cont.								
Con V	lot 6	W. Dehe	Warren Water Wells	June 21, 1966	5	5	33	28	Fresh	D	Clay boulders 18; grey clay pebbles 24; pit gravel 45; coarse sand 48. Water at 48.
Con V	" 7	Aeross Ltd. P. Cheeseman	Hadco Well Digging Ltd.	Oct. 19, 1965	30	1/2		30	"	C	Sandy clay 5; blue clay 30; grey clay 33; gravel 36. Water from 33 to 36.
Con V	" 7	"	"	Oct. 19, 1965							Sandy clay 5; blue clay 20; large stone. Dry hole.
Con V	" 18	B. VanMannen	Warren Water Wells	Sep. 10, 1965	5	10	35	12	"	D, S	Topsoil 2; clay stones 26; gravel 47; clay 76; fine gravel 81. Water at 81.
Con V	" 21	E. Miller	"	June 29, 1965	5	10	10	8	"	D	Clay stones 22; gravel 72; gravel 73; clay stones 129; gravel bedrock. Water at 73 and 129.
Con V	" 26	M. Chamak	H. Wood	May 25, 1964	5	8	30	28	"	D, S	Yellow sand 8; clay stone 61; dirty gravel 75; clay stone 102; hardpan 110; grey rock 114. Water at 114.
Con VI	" 6	M. Beausaert	R. McKenzie	June 9, 1967	2	55		21	"	Ir	Topsoil 1 1/2; brown sand 6; grey clay 8; brown sand 20; grey clay 21; brown sand 34. Water at 21.
Con VI	" 8	R. Catry	Warren Water Wells	Dec. 12, 1966	5	10	18	10	"	D	Open pit 5; grey clay 28; grey clay stones 55; fine brown sand 61. Water from 55 to 61.
Con VI	" 14	E. Gingerich	"	May 28, 1965	5	6	45	14	"	S	Topsoil 2; yellow clay boulders 19; grey clay 63; pit gravel 103. Water at 75 and 103.
Con VI	" 19	J. McMillen	E. Hoover & Son	Jan. 24, 1964	5	15	Flows	Flows	"		Red clay 40; blue clay stones 78. Water at 78. abandoned.
Con VI	" 22	M. Shetler	W. Burwell	Mar. 19, 1964	5	7	40	35	Sulphur	D	Blue clay 55; gravel 63; clay 83; blue clay 118; rock 119. Water at 119.
Con VI	" 23	J. Shetler	Warren Water Wells	Jan. 25, 1967	5	2	75	30	Fresh	D, S	Topsoil 2; yellow clay 18; grey clay 73; sand 75. Water at 75.
North Oxford Twp.											
Con I	lot 5	G. Pounds	K. McLeod & Sons	Sep. 11, 1964	5 1/2	6	25	20	Fresh	D, S	Brown clay 15; sand 30; blue clay 60; hardpan stones 108; gravel 110. Water at 110.
Con I	" 6	H. Beatty	"	July 24, 1964	5 1/2	25	35	15	"	D, S	Brown clay 20; hardpan stones 90; gravel 93. Water at 93.
Con I	" 7	D. Hutchison	"	Feb. 5, 1964	4 1/2	6	15	8	"	D, S	Brown clay 30; dirty gravel sand 60; blue clay 96 1/2; gravel rock 97. Water at 97.
Con I	" 10	M. Chivers	"	Oct. 29, 1966	4 1/2	10	25	20	"	D	Brown clay 20; sand gravel 40; hardpan stones 74; limestone 93. Water at 93.
Con I	" 11	H. Dunnewold	"	Sep. 2, 1967	5 1/2	12	28	20	"	D, S	Brown clay 20; blue clay stones 55; hardpan 85; limestone 92. Water at 92.
Con I	" 21	B. Otis	E. Hussey	Jan. 15, 1964	4	7	47	44	"	D	Fine red sand 5; grey clay 8; fine grey sand stones 30; brown clay 51; fine grey sand 60; fine grey sand gravel 71; coarse stones 72; fine sand 74; medium gravel 76. Water from 74 to 76.
Con I	" 25	W. Humberstone	K. McLeod & Sons	June 24, 1964	4 1/2	6	85	78	"	D	Brown clay 15; dirty gravel 50; hardpan stones 96; limestone 112. Water at 112.
Con I	" 27	J. Kelly Jr.	E. Stewart	Feb. 17, 1964	5	20	91	80	"	D	Sandy loam 3; clay gravel 20; blue clay 129; light brown limestone 155; brown limestone specks gypsum 160. Water from 155 to 160.
Con I	" 27	J. Byers	K. McLeod & Sons	July 19, 1967	4 1/2	6	70	60	"	D	Brown clay 20; dirty gravel 40; gravelly hardpan stones 134; rock 145. Water at 145.
Con II	" 2	W. Lehwaldt	"	Sep. 21, 1967	5	1	125	30	"	D	Brown clay stones 20; sand gravel 40; blue clay 76; gravel 77; hardpan 117; hard solid rock 147. Water at 135.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
N.Oxford Twp. - cont.										
Con II lot 4	S.Omielan	K.McLeod & Sons	June 3, 1965	4	7	12	10	Fresh	D	Brown clay 20; blue clay 45; hardpan stones 85; blue clay 107; limestone 116. Water at 116.
Con II " 6	I.Robbins	"	Dec. 17, 1964	4	2	90	25	"	D	Brown clay 25; hardpan stones 110; gravelly hardpan 127; limestone 149. Water from 130 to 149.
Con II " 21	C.Nadalin	"	Sep. 26, 1967	4	5	30	28	"	D	Sand gravel 38; limestone 53. Water at 53.
Con III " 1	E.Baigent	"	Jan. 11, 1965	5 1/2	7	55	12	"	D, S	Brown clay 18; hardpan stones 85; limestone 130. Water from 85 to 130.
Con III " 5	N.Ling & Son	Hadco Well Drlg & Digging Ltd.	June 18, 1965	5	3	80	30	"	D, S	Clay 8; fine gravel 11; grey clay boulders 22; soft brown clay 60; fine cemented gravel 65; grey clay 100; light blue fine gravel 105; hard grey rock 150; limestone 170. Water at 140, 150 and 170.
Con III " 10	B.Vermeeken	K.McLeod & Sons	June 1, 1964	4 1/2	6	50	43	"	D	Brown clay 12; dirty gravel stones 60; gravelly hardpan 90; gravel 101. Water at 101.
Con III " 10	P.Cartmale	Hadco Well Digging Ltd.	July 23, 1965	5 1/2	25	60	25	"	D	Sandy clay 25; gravel rocks 64; rocks 70; rock 96; soft grey rock 92. Water from 85 to 92.
Con III " 10	M.Steinhoff	K.McLeod & Sons	May 19, 1965	4	7	40	38	"	D	Brown clay 20; blue clay 40; hardpan stones 85; blue clay 105; shale 108. Water at 108.
Con III " 10	C.Papais	"	Nov. 9, 1967	4	5	60	40	"	D	Brown clay 17; grey clay sand 45; hardpan stones 96; sand gravel 103; limestone 108. Water at 108.
Con III " 11	J.Landon	"	Oct. 3, 1967	4	6	35	15	"	D	Brown clay sand 20; gravelly hardpan stones 63; limestone 89. Water at 89.
Con III " 14	A.Seymour	G.Hussey	Mar. 1, 1964	4	10	20	10	"	D	Clay sand streaks gravel 55; greyish limestone 82. Water at 74.
Con IV " 3	G.West	K.McLeod & Sons	June 15, 1967	5 1/2	5	60	33	"	D, S	Brown clay 10; sand 30; sandy clay 45; hardpan stones 78; fine gravel 83; gravelly hardpan stones 107; rock 108. Water at 108.
Con V " 3	H.Beaty	"	June 4, 1966	5	15	50	40	"	D, S	Brown clay 5; sand 20; blue clay stones 50; hardpan 76; limestone 80. Water at 79 1/2.
Formerly North Dorchester Survey										
FND Con I " 19	H.Sims	"	Feb. 25, 1964	4 1/2	5	60	40	"	D, S	Gravel 65; hardpan stones 83; gravel 92. Water at 92.
FND Con I " 21	D.Hossack	"	June 19, 1964	6 1/2	4	90	68	"	P	Gravel 35; blue clay 45; hardpan stones 91; limestone 150; hard brown rock 200; brown rock 252. Water at 98, 120, 140, 200, 212 and 250.
FND Con I " 21	Separate School	"	July 13, 1964	5 1/2	15	47	45	"	P	Black loam 3; dirty gravel 20; hardpan 75; gravel 83. Water at 83.
FND Con I " 21	W.Beaty	"	July 17, 1966	8	135	80	64	"	C	Coarse gravel stones 15; gravel sand 40; brown clay gravel 70; hardpan stones 85; gravel 88; hardpan 92; limestone 133; hard rock 235; limestone 260. Water at 110, 140, 230, 242 and 260.
FND Con I " 22	H.Beaty	"	Oct. 19, 1961	8	70	80	55	"	D, S	Gravel stones 35; hardpan 87; grey limestone 250. Water from 80 to 120, 150 to 170 and 220 to 250.
FND Con I " 22	Cold Springs Farms Ltd.	"	July 28, 1965	6	65	200	85	Sulphur	In	Previously drilled 84; white limestone 94; brown limestone 121; grey limestone 275; white limestone 304. Water at 100, 145, 168, 200, 220, 255, 285 and 304.
FND Con I " 22	"	"	Aug. 20, 1965	8	140	180	85	Fresh	In	Grey limestone 350; hard blue grey limestone 375; hard white limestone 385; hard blue rock 388. Water at 258, 275, 305, 340, 378, 385, 388.
FND Con I " 22	"	"	Mar. 24, 1967	8	250	110	7	Sulphur	In	Gravel stones 30; hardpan 58; white hardpan limestone 245. Water at 62, 115, 154, 165, 208, 212 and 244.
FND Con I " 23	Free Methodist Church Camp	"	May 15, 1964	7	5	65	10	Fresh	P	Gravel stones 30; gravelly hardpan stones 67; limestone 77. Water at 77.

OXFORD COUNTY - cont.											
North Oxford Twp. - cont.											
Formerly North Dorchester Survey -											
FND Con I	lot 24	M. Baigent	cont. Hadco Well Digging Ltd.	Aug. 13, 1965	5	3	90	23	Fresh	D	Clay boulders 40; sand 41; clay boulders 94; broken rock 100. Water from 94 to 100.
FND Con II	" 21	P. Geilen	R. Hudson	June 14, 1967	36	4	12	3	"	D, S	Brown clay 4; gravel 12; clay gravel 16. Water at 8.
FND Con III	" 23	J. Forbes	Hadco Well Digging Ltd.	Aug. 29, 1966	5 1/2	10	105	50	"	D, S	Sand gravel 25; blue clay rock 80; grey limestone 245. Water at 245.
S. Norwich Twp.											
Con VII	lot 10	N. Evanoff	J. Weaver & Son	July 14, 1964	1 1/2	8		20	Fresh	D	Topsoil 1; yellow sand 4; brown clay 8; blue putty sand 14; white sand 20; brown quicksand 27. Water at 20.
Con VII	" 16	J. Walthers	Cole Water Wells	Aug. 25, 1965	5	7	80	40	Sulphur	S	Open hole 18; soft grey clay 62; hard clay stones 84; sand 89; hard grey clay 93; dark rock 105. Water from 104 to 105.
Con VII	" 19	R. Wells	R. Hodgson	Jan. 27, 1964	4	5	60	50	"	D, S	Topsoil 1; sand 12; clay 17; gravel 19; clay 65; sand clay 90; boulders gravel 91. Water at 90.
Con VIII	" 1	A. Jozsku	Warren Water Wells	May 19, 1967	5	10	50	41	Fresh	D	Black topsoil 2; yellow clay 18; yellow sand 26; grey clay stone 52; putty sand 74; grey clay 145 1/2; grey limestone 145. Water at 145.
Con VIII	" 25	D. Pettigrew	"	July 8, 1966	5	10	48	35	"	D	Yellow clay 22; grey clay 33; putty sand 40; grey clay 66; fine gravel 72. Water at 72.
Con VIII	" 41	W. Kozuch	"	Mar. 7, 1967	5				"	N	Sand stones 18; grey clay 60; fine sand 65; grey clay. Water at 65. Insufficient water.
Con IX	" 8	L. Kovacs	"	Sep. 30, 1966	5	1	65	45	Fresh	D	Yellow clay sand 14; grey clay stones 55; fine sand 60; clay stones 65. Water at 60.
Con IX	" 10	Otterville Water Works	"	June 2, 1966	8	80	14	9	"	P	Yellow sand 16 1/2; hardpan clay 17; coarse sand 31. Water at 31.
Con IX	" 18	W. Lenaers Jr.	"	Dec. 18, 1967	8	460	59	40	Sulphur	Ir	Yellow sand 28; grey clay 106; gravel 107; grey shale 111; grey limestone 119. Water from 110 to 111 and from 117 to 118.
Con IX	" 21	J. Pickersgill	Cole Water Wells	June 29, 1965	5	6	75	36	Fresh	D	Yellow clay 16; soft clay 30; sand 35; grey clay stones 68; sand 83; fine gravel 94. Water from 83 to 94.
Con IX	" 23	L. DeMeester	"	July 5, 1965	5	5	55	36	"	D	Yellow clay 15; soft grey clay 55; hard grey clay stones 62; sand 70. Water from 62 to 70.
Con IX	" 23	W. Ladozs	Warren Water Wells	Oct. 11, 1966	5	8	55	50	"	D	Yellow clay 18; grey clay stones 69; sand 73. Water at 73.
Con IX	" 26	OWRC	F. Johnston Drlg.	Jan. 19, 1966	7	17	49	48	"	T 1-66	Black loam 1; fine brown sand 10; fine sand 38; grey clay 52; gravel layer 52 1/2; clay gravel 60; gravel 60 1/2; sand 65; running sand 76; clay silt 88; hard clay stones 112; bedrock 122 1/2. Water at 120.
Con IX	" 26	"	"	Jan. 20, 1966	7			4	"	T 2-66	Black loam 1; brown sand 9; running sand 32.
Con IX	" 27	R. Burns	Warren Water Wells	May 25, 1964	5	5	17	Flows	Fresh	D, S	Black soil 2; yellow sand 12; sand 17. Water at 17.
Con X	" 12	R. Goossen	R. Johnson	Dec. 18, 1965	36	20	16	14	"	C	Brown sandy loam 5; coarse sugar sand stone 23; stone clay 24. Water at 14.
Con X	" 12	R. Goossen	"	Dec. 20, 1965	36	3	12	10	"	Ir	Brown sandy loam 5; coarse sugar sand stone 13; stone clay 14. Water at 10.
Con X	" 12	"	"	Dec. 23, 1965	36	20	8	10	"	C	Sandy loam 5; coarse sugar sand stone 19; stone clay 20. Water at 10.
Con X	" 26	A. Rokeyby	Warren Water Wells	Sep. 6, 1964	5	3	75	60	"	D	Yellow clay 22; grey clay stones 120; gravel. Water at 120.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
OXFORD COUNTY - cont. S.Norwich Twp.- cont. Con X lot 26	A.Roeland	Warren Water Wells	Dec. 3,1965	5	10	75	42	Fresh	D	Yellow sand 18;clay stones 92;sand 97. Water at 18 and 97.
Con X " 27	G.Veltman	H.Johnson	Feb.20,1967	36	4		10	"	D	Sand 6;clay stone 30. Water at 25.
Con XI " 2	R.Paret	W.Burwell	Sep. 7,1967	1 1/2	10	8	4	"	D	Red sand 8;sand 16. Water at 8.
Con XI " 9	L.Nant	H.Wood	Aug.22,1964	5	8	42	42	"	D	Sand 20;clay 60;putty sand 120;clay stone 142;clay gravel 160; hardpan 165;grey rock 168. Water at 165.
Con XI " 21	N.Williams	W.Belore	Sep.23,1966	1 1/2	4		20	"	D	Fine sand 2;brown clay 7;fine grey sand 22;coarse sand 29. Water at 22.
Con XI " 24	E.DeSutter	Warren Water Wells	Oct. 1,1965	1 1/2	1/2	22		"	D	Yellow sand 22;grey clay 23. Water from 22 to 22 1/2.
Con XII " 3	F.Kemph	W.Burwell	Apr. 7,1965	1 1/2	10	10	7	"	D	Red sand 15;sand 24. Water at 15.
Con XII " 6	L.Deconinok	"	Nov.15,1966	1 1/2	8	18	15	"	D	Sand 20;sand 26. Water at 20.
Con XII " 18	C.Franklin	"	Aug.19,1965	1 1/2	10	19	17	"	D	Red sand 15;sand 25. Water at 15.
Con XII " 22	A.VanDerBoeven	J.Weaver & Son	Jan.31,1964	1 1/2	8		21	"	D	Open well 6;white sand 21;brown sand 26;blue sand 36. Water at 21.
Con XII " 24	J.Gyulverzi	"	June 6,1964	1 1/2	5		5	"	D,S	Topsoil 1;yellow sand 5;brown putty sand 9;blue clay 10;blue putty sand clay streaks 32. Water at 5.
Con XII " 25	G.Gyulveszi Jr.	"	June25,1964	1 1/2	2		5 1/2	"	D	Topsoil 1;yellow sand 4;coarse sand 10;brown clay 12. Water at 5 1/2.
Con XII " 26	G.Gyulveszi Sr.	"	June17,1964	1 1/2	6		5	"	D	Topsoil 1;yellow sand 5;brown putty sand 10;blue putty sand 27. Water at 5.
Con XII " 27	G.Verschure	"	Mar.11,1966	2	35	18	8	"	Ir	Yellow sand 5;grey clay 31;sand 42. Water at 42.
Con XII " 27	"	Warren Water Wells	Mar.15,1966	2	33	18	8	"	Ir	Yellow sand 4;grey clay 31;sand 42. Water at 42.
Con XII " 28	M.Palmer	J.Weaver & Son	Mar.28,1964	1 1/2	5		24	"	D	Topsoil 1;yellow sand 5;white sand 24;fine stony quicksand 29;coarse sand 34. Water at 24.
Tavistock Village	P.U.C. Tavistock	N.Steinman	Oct. 6,1967	8	200	40	Flows	Fresh	F	Fill 3;grey clay 34;sandy grey clay 40;gravelly hard clay 49; gravel 64. Water at 49 and 64.
	"	"	July25,1967	5			"	"	T	Fill 3;grey clay 34;sandy grey clay 40;gravelly hard clay 49; gravel 64. Water at 49 and 64.
Tillsonburg Town	P. Zei	J.Weaver & Son	Jan.24,1964	1 1/2	4		30	Fresh	D	Topsoil 1;yellow sand 6;white sand 30;brown quicksand 31;blue quicksand 35. Water at 30.
	R.Thomson	"	Mar.21,1964	1 1/2	4		12	"	D	Topsoil 1;yellow sand 4;white sand 12;white sand 14. Water at 12.
	B.Farkas	"	Apr.14,1964	1 1/2	8		32	"	Ir	Open well 20;white sand 32;brown quicksand 40;blue quicksand 44. Water at 32.
	Gilvery Constr.	"	May 11,1964	2	5		27	"	C	Fill 4;white sand 27;quicksand 36. Water at 27.
	J.Weston	Cole Water Wells	June 2,1965	5	2	30	26	"	D	Yellow sand streaks white sand 26;white black sand 34. Water from 26 to 34.



OXFORD COUNTY - cont.  
Tillsonburg Town - cont.

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# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
West Oxford Twp.- cont.										
Con I	lot 26	H.Beaty	K.McLeod & Sons	June 10, 1967	5 1/4	15	35	25	Fresh	D,S Brown clay 7; gravel 16; sand gravel 50; hardpan 70; gravel stone 100; hardpan 111; limestone 114. Water at 114.
Con I	" 27	T.Oostenbrug	"	Mar. 9, 1965	5 1/4	6	45	30	"	D,S Brown clay 20; dirty sand gravel 70; gravelly hardpan stones 134; soft limestone 138. Water at 138.
Con II	" 6	K.Hammerton	Steinman & Baird	May 5, 1965	5	15	151	146	"	D,S Gritty clay 46; gritty hardpan 63; dirty gravel 169; fine sand 192; grey gritty clay 267; grey shale 269; light brown limestone 279; grey shale 284. Water from 279 to 283.
Con II	" 8	Ont.Dept. of Highways	W.Dale Well Drlg.	Mar. 6, 1964	8	1	84 1/2	84	"	P Sandy brown clay 8; grey clay gravel 29; yellow clay 38; grey sandy clay 47; brown sandy clay 64; gravel 75; cemented gravel 100; grey clay 111; gravel 114; muddy fine sand 125. Water from 100 to 106.
Con II	" 11	"	Warren Water Wells	Feb. 28, 1964	8	65	37	35	"	C Topsoil 3; gravel 32; clay stones 53; fine putty sand 84; sand 126. Water at 126.
Con II	" 13	D.Barnett	F.Jackson	Dec. 17, 1965	5	12	60	42	"	D Sandy topsoil 5; clay grit 11; stones gravel clay grit 40; clay grit 60; stones clay 80; clay grit stones 173; false rock gravel 174; limestone 179. Water at 174.
Con II	" 21	H.Fishback	Hadco Well Digging Ltd.	July 8, 1966	5 1/4	12	70	20	"	D Topsoil 1; brown clay rocks 18; gravel 24; blue clay rocks 58; boulders 62; blue clay stones 106; gravel 114. Water at 114.
Con II	" 22	L.Daniels	K.McLeod & Sons	Aug. 11, 1964	4 1/2	5	40	36	"	D Sand clay 20; gravel 44. Water at 44.
Con II	" 22	M.Stevenson	"	Aug. 15, 1964	4	5	40	34	"	D Brown clay 12; sand 20; gravel 43. Water at 43.
Con III	" 2	P.U.C.	International Water Supply	Aug. 8, 1966	10			9 1/2	"	T Topsoil 1; brown clay 2; clay gravel 16; sand gravel 27; dirty sand gravel 30; sand gravel 36; dirty fine sand coarse gravel 38; coarse sand gravel 50; gravel clay 52. Water at 16.
Con III	" 2	"	"	Aug. 11, 1966	2			12 1/2	"	T Topsoil 1; dirty sand gravel 8; clay gravel 19; sand gravel 37; coarse sand gravel 49. Water at 19.
Con III	" 3	A.Edwards	K.McLeod & Sons	Jan. 9, 1967	5	4	130	118	"	3-66 D,S Brown clay 15; sand 40; sand dirty gravel 139; good gravel 140. Water at 140.
Con III	" 4	M.Pullen	Steinman & Baird	Sep. 30, 1964	5	15	126	119	"	D,S Brown clay stones 22; grey clay 37; hardpan 43; gravel 47; clay 56; sand 101; hardpan 119; sandy gravel 133. Water from 119 to 133.
Con III	" 13	L.Pellow	J.Weaver & Son	Aug. 26, 1964	1 1/2	8		10	"	D,S Open well 12; brown sand stones 20; fine gravel 24. Water at 10.
Con III	" 15	J.Coordes	N.Steinman	Mar. 8, 1967	5	2	38	18	"	D Well pit 5; brown clay 46; fine sand clay 67; hardpan 72; sandy gravel 73. Water at 73.
Con III	" 16	G.Kennedy	"	Oct. 14, 1966	4	15	79	75	"	D Gritty brown clay 19; gritty grey clay 104; gritty hardpan boulders 159; grey clay 171; shale 178; clay 185; broken limestone 187. Water at 187.
Con IV	" 3	G.Buchanan	G.Hussey & Son	Mar. 26, 1964	4	5	40	30	"	D Clay sand 15; quicksand 45; sand gravel 47; quicksand 78; coarser sand 85; gravel 88. Water from 85 to 88.
Con IV	" 5	G.Wiseman	W.Baird	June 14, 1966	5	12	54	23	"	D Gritty brown clay 48; dirty gravel 53; gritty grey clay 104; gritty hardpan 134; grey clay 143; grey limestone 148. Water at 148.
Con IV	" 7	J.Nancekivell	G.Hussey & Son	Jan. 22, 1964	4	8	150	32	"	D,S Gravel sand 122; sand 203; dark grey rock 220. Water at 122 and 216.
Con IV	" 8	A.Bond	"	Jan. 28, 1964	4	5	46	45	"	D,S Stony sandy gravel 74; coarse gravel 75. Water at 74.
Con IV	" 13	Community Park	R.Hudson	Oct. 9, 1967	30	5	15	9	"	P Gravel 15; clay 17. Water at 9.
Con IV	" 16	C.Shelton	K.McLeod & Sons	Aug. 14, 1967	5	8	100	90	"	D,S Brown clay 15; blue clay 75; hardpan stones 190; limestone 224. Water at 224.

OXFORD COUNTY  
West Oxford Twp.

Con V	lot 10	V.Kloespher	K.McLeod & Sons	July 12, 1965	5½	6	90	85	Fresh	D,S	Sand 140;hardpan 155;blue clay stones 230;brownish clay 250; white hardpan 256;gravel 258. Water at 258.
Con V	" 10	R.Clifferton	G.Bussey	Jan. 2, 1964	4	8	29	29	"	D,S	Previously drilled 115;sand gravel 150. Water at 150.
Con V	" 10	H.Wiseman	J. Weaver & Son	Nov.28, 1964	1½	4		46	"	D,S	Open well 40;brown quicksand 50. Water at 46.
W.Zorra Twp.											
Con I	lot 4	R.Hossack	K.McLeod & Sons	Jan.22, 1964	4½	6	45	40	Fresh	D,S	Brown clay 20;dark clay stones 50;hardpan stones 100;gravel 102. Water at 101.
Con I	" 12	A.McArthur	Warren Water Wells	Jan.20, 1964	5	5	40	19	"	D,S	Clay stones 32;gravel 105;fine gravel 110. Water from 105 to 110.
Con I	" 20	J.Adams	K.McLeod & Sons	Nov.16, 1966	4½	2½	53	35	"	D	Brown clay 25;sand clay 36;sand 57. Water from 50 to 57.
Con I	" 22	D.McCorquodale	"	June 9, 1965	4½	6	25	20	"	D,S	Brown clay 20;sand 54;fine gravel 60. Water at 58.
Con I	" 24	T.Debrower	"	Mar.14, 1966	5½	6	12	12	"	D,S	Brown clay 12;sand gravel 18;quicksand 57;gravel 60. Water at 60.
Con I	" 28	H.Maxwell	H-dco Well Digging Ltd.	Dec.18, 1964	30	7			Flows	"	D Black topsoil 1;large stone gravel 9;sand gravel 20. Water at 2.
Con I	" 32	O.Bounds	R.Hudson	Aug.31, 1966	36	1	3	36	"	D,S	Sand 36;blue clay 40. Water at 36.
Con I	" 35	A.Veldmen	K.McLeod & Sons	Oct.10, 1967	5	5	85	82	"	D,S	Brown clay 20;blue clay 60;hardpan stones 75;blue clay 100; hardpan 149;limestone 179. Water at 179.
Con II	" 1	A.Thornton	M.Jonse	Oct.30, 1964	5	5	20	10	"	D	Clay stones 50;sandy gravel 54. Water at 54.
Con II	" 9	J.Verhoeven	E.Bussey	Jan. 3, 1964	4	10	65	63	"	D,S	Black sand stones 5;red sand gravel 13;fine sand 40;coarse gravel 41;fine sand 94;gravel 99. Water from 95 to 99.
Con II	" 9	B.Blair	K.McLeod & Sons	June 17, 1966	5	6	60	55	"	D,S	Brown clay 60;dirty gravel stones 65;hardpan 132;gravel 135. Water at 135.
Con II	" 14	G.Kupery	"	Sep. 3, 1965	5½	6	40	35	"	D,S	Brown clay 20;blue clay 60;hardpan stones 95;sand clay bars 140;blue clay 170;gravel 172. Water at 172.
Con II	" 20	J.Strickler	"	Aug. 2, 1965	5	5		25	"	D,S	Brown clay 20;blue clay 50;gravel 52. Water at 52.
Con II	" 21	G.Steed	"	June 23, 1966	21	5	45	25	"	D	Brown clay 20;sand blue clay 50;gravel 52. Water at 52.
Con II	" 30	Dr.F.Blum	W.Hopper & Sons	Sep.23, 1965	4	60	9	6	"	D	Topsoil fill 3;yellow clay 12;blue clay 55;hardpan 80;blue clay 89;hardpan 98;loose limestone 105;brown limestone 175. Water from 160 to 175.
Con III	" 7	W.Brown	"	May 13, 1964	5	5	46	32	"	D,S	Topsoil dark sandy loam 2;grey clay large stone 30;sand gravel 56;grey clay fine sand 88;soft brown limestone 92. Water at 92.
Con III	" 22	R.Matheson	G.Wallis	May 15, 1964	6½	15	75	65	"	S	Fine brown sand 40;sand fine gravel 72;sand gravelly blue clay 149;fine gravel coarse sand 156. Water at 149.
Con III	" 31	R.Steele	W.Hopper & Sons	Apr. 8, 1966	4	10	70	60	"	D,S	Yellow clay stones 18;blue clay stones 63;gravel 68;hardpan 75;brown rock 95. Water from 75 to 95.
Con IV	" 5	K.Haynes	K.McLeod & Sons	May 7, 1964	4½	6	38	38	"	D	Brown clay 16;sand gravel stones 60;hardpan stones 103;sand 107;limestone 115. Water at 115.
Con IV	" 5	J.DeBuska	Hadco Well Digging Ltd.	Aug.20, 1965	5	60	105	45	"	D	Boulders clay 30;sand 30;boulders sandy clay 82;layers rock clay 108;grey rock 117. Water from 116 to 117.
Con IV	" 15	Embro Park	R.Hudson	June 7, 1966	36	½	20	12	"	P	Brown sandy clay 12;gravel 14;sandy blue clay 24. Water at 12.
Con IV	" 20	P.Terpstra	W.Hopper & Sons	Dec.14, 1966	4	10	11	9	"	D	Yellow clay stones 18;blue clay stones 75;hardpan 155;grey rock 200. Water from 190 to 200.
Con IV	" 28	M.Sequin	"	July 1, 1967	4	10	28	22	"	D	Yellow clay 16;gravel 40;blue clay stones 95;hardpan 164; grey rock 202. Water at 202.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. West Zorra Twp. - cont. Con IV lot 31	G.Campbell	Steinman & Baird	Sep.27,1965	4	15	74	50	Fresh	D,S	Topsoil 3;brown clay 18;brown silty clay 42;grey gritty hardpan 65;grey silty gritty hardpan 154;light brown grey broken limestone 162;brown grey limestone 185. Water from 171 to 185.
Con IV " 36	E.Woolcott	"	Nov.21,1964	4	15	85	70	"	D,S	Brown clay 15;grey clay 40;grey gritty hardpan 65;grey clay 140;brown silty clay 159;broken limestone 166;brown limestone 170. Water at 169.
Con V " 2	Feed Service Corporation Canada Ltd.	W.Baird	Feb.28,1967	5	20	55	28	"	In	Brown sandy clay 29;grey clay 37;gravelly hardpan 73;sandy brown clay 81;grey shale 82;brown limestone 105. Water at 103.
Con V " 3	R.Bragg	K.McLeod & Sons	Apr.23,1965	4 1/2	5	65	30	"	D	Brown clay 30;blue clay 50;hardpan 83;limestone 108. Water at 90 and 108.
Con V " 3	R.Baskman	"	July14,1966	4 1/2	4	120	95	"	D	Brown clay 18;blue clay 60;hardpan stones 105;hard limestone 154. Water at 115 and 154.
Con V " 3	H.Eemstra	"	July21,1967	4	6	65	28	"	D	Black loam 3;blue clay stones 24;gravel sand 49;hardpan 77;limestone 112. Water at 112.
Con V " 4	K.Dawson	"	Sep.28,1965	4 1/2	5	68	65	"	D,S	Brown clay 10;blue clay 50;hardpan 105;gravel sand 120;gravel 122. Water at 122.
Con V " 35	D.Castagnasso	Steinman & Baird	Nov. 7,1964	4	15	109	92	"	D,S	Brown clay 35;grey gravelly clay 47;grey gravelly hardpan 65;grey clay 145;pinkish grey clay 179;broken limestone gravelly clay 193;brown grey limestone 200. Water at 199.
Con VI " 1	W.Earle	K.McLeod & Sons	July13,1966	4 1/2	5	55	50	"	D	Brown clay 40;sand clay 60;hardpan stones 86;limestone 108. Water at 108.
Con VI " 1	D.Bruyns	Hadco Well Drlg. & Digging Ltd.	Aug.25,1967	5	8	150	100	"	D,S	Topsoil 1;clay coarse sand 20;blue clay stones 75;hardpan 104;sandy gravel 105;brown limestone 155. Water at 130 and 150.
Con VI " 3	W.Simons	N.Steinman	Dec. 5,1967	5	8	70	19	"	D,S	Hard gritty grey clay 44;sand gravel 48;stony hard clay 86;brown shale 89;brown limestone 138. Water from 135 to 138.
Con VI " 5	W.Skowby	"	Nov.29,1966	4	10	50	20	"	D	Brown clay 8;grey clay 53;gritty grey clay 59;stony hardpan 71;grey clay 91;rock slabs 92;broken limestone 95. Water at 93 to 95.
Con VI " 6	C.Young	"	Jan. 5,1967	4	15	49	16	"	D	Brown clay 19;grey clay 72;gritty hardpan 94;limestone slabs 101;brown grey limestone 123. Water from 115 to 123.
Con VI " 6	H.Meyer	K.McLeod & Sons	Nov.12,1966	5	6	20	14	"	D,S	Brown clay 8;blue clay 18;sand 30;sand clay 76;gravel 78.
Con VII " 5	S.Wein	Steinman & Baird	Oct.19,1965	5	19	25	10	"	D,S	Topsoil sandy 6;coarse gravel 16;silty grey clay 43;silty gravelly clay 103;brown grey limestone 118. Water from 113 to 118.
Con VII " 10	A.Graham	K.McLeod & Sons	Apr.28,1966	4 1/2	6	40	35	"	D,S	Brown clay stones 20;sand gravel 60;hardpan 100;blue clay 115;gravel 128. Water at 128.
Con VII " 24	J.Pelkman	M.Hooper	Nov. 3,1965	5	7	68	29	"	D,S	Topsoil 1;stony gravel 38;silty clay hardpan 88;stony blue clay 193;hard light grey limestone 201. Water at 197.
Con VII " 27	J.Lewis	W.Burwell	Oct.20,1965	5	12	30	18	"	D	Grey clay 30;stones 50;sandy grey clay 90;fine gravel 96. Water at 96.
Con VIII " 1	Oxford Memorial Park Cemetery	Steinman & Baird	Mar.24,1964	5	20	86	80	"	P	Brown gravelly clay 14;grey gravelly clay 40;gravelly hardpan 70;gravelly clay 111;brown limestone 115. Water at 113 and 115.
Con VIII " 8	R.Moon	C. Kent	Jan. 8,1964	5	6	40	27	"	D	Brown loam 2;yellow sand 22;dirty sand gravel 40;sandy hardpan 80;dirty sand gravel 105;hardpan 110;sand 123;gravel 125. Water at 125.

OXFORD COUNTY - cont.  
West Zorra Twp. - cont.

Con VIII	lot 10	C.Scott	N.Steinman	June 14, 1966	4	12	48	41	Fresh	D	Dug well 17; hardpan stones 67; hardpan 124; brown clay 127; sand 130; clay 134; gravel 136. Water at 136.
Con VIII	" 13	W.Pye	W.Baird	Jan. 4, 1967	5	15	98	90	Sulphur	D,S	Brown clay 19; grey gritty clay 79; brown sandy clay 87; grey gritty clay 106; brown clay 169; brown limestone 170; sand 178; brown limestone 194. Water at 188 and 193.
Con VIII	" 15	B.Masters	N.Steinman	June 12, 1967	5	12	68	40	"	D,S	Gritty clay 47; gravel clay 50; brown clay 67; grey hard clay 87; brown shale 91; brown limestone bedrock 125; light grey limestone bedrock 175. Water at 97, 122, 175.
Con VIII	" 16	M.Thomson	Hadco Well Digging Ltd.	June 19, 1965	30		15	4	Fresh	D	Sandy clay 2; sand 6; sandy coarse gravel 15; boulders gravel 17; blue clay 20. Water from 6 to 17.
Con VIII	" 30	W.Steinecker	C. & H. Kerr	Dec. 17, 1964	4 1/2	13	64	22	"	D,S	Top clay 6; gravel 62; stony clay 140; clay gravel 160; stony clay 192; limestone 210. Water at 209.
Con VIII	" 35	W.Sippel	G.Wallis	Feb. 14, 1964	6 1/2	15	120	50	"	S	Light brown gravelly clay 16; gravelly grey clay 27; gravelly blue clay 60; heavy gravel boulders 63; cemented sand gravel 74; gravelly blue clay 181; soft white limestone 188; brown limestone 210. Water at 204.

Woodstock City

	D.Matheson	Steinman & Baird	July 21, 1964	4	12	85	65	Fresh	D,S	Brown clay hardpan 35; gravelly clay 55; stony hardpan 68; sand loose gravel 71; silty sand gravelly hardpan 140; silty gravel 143; clay 147; brown grey limestone 152. Water at 152.
	A.Edwards	"	Aug. 28, 1964	4	20	70	58	"	D,S	Sandy gravelly clay 23; coarse loose gravel bands hardpan 32; coarse loose gravel boulders 45; cemented gravel 63; loose sandy gravel 68; cemented gravel boulders 85; hard silty gravelly clay 141; dark brown grey limestone 146. Water at 146.
	Woodstock PUC.	International Water Supply Ltd.	Oct. 6, 1964	5					T	Topsoil 1; sand gravel clay 5; gravel sand clay 11; packed clay gravel sand 55; hard clay gravel 70; clay gravel 73; rock 74.
	Woodstock Inn Ltd.	Warren Water Wells	July 31, 1965	6 1/2	30	80	65	Fresh	P	Clay stones 17; pit gravel 48; gravel 53; stones boulders 71; sand 75; gravel boulders 125; clay stones 151; blue clay 158; gravel 159. Water at 53 and 75.
	Woodstock Water Com.	International Water Supply Ltd.	Apr. 24, 1967	2	12	13	5	"	T	Dirty sand 15; dirty sand gravel streaks 21; brown clay gravel sand streaked 35; broken gravel boulders sand 41, limestone. Water from 5 to 41.
	"	"	Apr. 26, 1967	6					T	Fine dirty sand 17; dirty sand gravel 20; brown clay gravel 21; grey clay 28; clay gravel 32; brown clay gravel sand 40; limestone 41.
	"	"	May 12, 1967	6					T	Sand 15; gravel sand boulders brown clay streaks 29; brown clay sand gravel 34; broken limestone 36; limestone. Dry hole.
	"	"	May 12, 1967	2	20	22	3	Fresh	T	Sand 5; sand gravel streaks 15; gravel sand streaks 27; gravel boulders sandy clay streaks 34; sandy grey clay gravel streak 53; broken limestone 56; limestone. Water from 5 to 34.
	"	"	May 15, 1967	2	60	14	7	"	T	Red sand 4; sand 30; brown clay sand streaks 34; broken limestone 37; limestone. Water from 4 to 30.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY Blanshard Twp.										
Con II lot 11	R.VanLogeren Berg	W.Hopper & Sons	Sep.13,1965	4	8	217	215	Fresh	D,S	Yellow clay 9;gravel 30;hardpan 71;brown limestone 260. Water from 245 to 260.
Con III " 7	P.Sweitzer	C.&H. Kerr	May 27,1964	4½	12	50	35	"	D,S	Blue clay 30;dirty gravel 35;stony clay 65;blue clay 76;grey limestone 126. Water at 120.
Con IV " 10	R.Urquhart	W.Hopper & Sons	July26,1966	5	10	205	200	"	D,S	Yellow clay 23;blue clay stones 67;herdpan 90;brown rock 245. Water from 205 to 245.
Con IV " 13	D.McNaughton	R.Hudson	July24,1964	27	20	9	8	"	D,S	Big stones gravel 8;blue clay 12;brown clay 16. Water at 8.
Con VII " 12	D.Holland	"	July27,1964	36	1	20	17	"	D,S	Brown clay 10;blue clay 17;big stones clay 23. Water at 17.
Con VII " 13	D.McNaughton	"	July25,1964	36	10	20	11	"	D,S	Brown clay 10;blue clay 14;stones 16;blue clay 18;gravel 21. Water at 18.
Con VII " 14	B.Spence	"	July25,1964	36	10	12	8	"	D,S	Gravel 6;blue clay 8;gravel 12;clay 13½. Water at 8.
Con VII " 21	T.Wiebe	W.Hopper & Sons	July12,1966	5	10	200	190	"	D,S	Yellow clay 2;sand 18;gravel 32;stony hardpan 91;brown limestone 236. Water from 190 to 236.
Con IX " 4	K.Parkinson	R.Hudson	July 1,1965	36	40	25	20	"	D,S	Brown clay 20;gravel 22;blue clay 30. Water at 20.
Con IX " 20	M.Bonls	M.Jones	July25,1964	5	8	90	33	"	D,S	Clay 15;sand 17;clay 45;gravel 50;clay stones 100;broken limestone sand 105;dark brown limestone 112. Water at 107.
Con XII " 12	P.Hodgins	W.Hopper & Sons	Sep. 2,1964	4	6	210	207	"	D,S	Topsoil 1;sandy clay 15;blue clay 30;hardpan 80;limestone 86; brown limestone 140;yellow limestone 207;brown limestone 245. Water from 237 to 245.
Con XII " 17	E.Harltan	R.Hudson	Jan.22,1964	36	1	25	22	"	D,S	Brown clay 10;blue clay 25;gravel big stones 26. Water at 25.
Con XIV " 17	Dr.J.Ward	"	May 25,1965	36	½		6	"	D	Brown clay 4;gravel 6;blue clay 36. Water at 6.
Con XV " 5	D.Stevens	W.Hopper & Sons	Nov.10,1964	6½	30	150	145	"	D,S	Fill 2;yellow clay 10;dirty gravel 15;blue clay 50;hardpan 90; loose rock 96;grey soft limestone 185;brown limestone 235. Water from 200 to 235.
Con XV " 16	L.Ready	"	Apr. 7,1965	4	9	112	110	"	D	Topsoil 1;yellow clay stones 12;blue clay stones 60;hardpan 88;loose rock 93;hard grey limestone 115;brown limestone 190. Water from 180 to 190.
Con XVI " 11	R.Adams	A.Heal	Apr.19,1965	4	5	40	20	"	D	Topsoil 9;yellow clay 18;blue clay 55;gravel 58;clay 74;sandy clay 87;hardpan 94;rock 96. Water from 94 to 95.
Con XX " 19	M.McKay	W.Hopper & Sons	Mar.25,1965	4	10	78	75	"	D,S	Yellow clay 28;blue clay 64;hardpan 68;brown rock 150. Water from 140 to 150.
Con XX " 20	R.Coulthard	R.Hudson	July8, 1966	36	16	14	6	"	D	Hard yellow clay 10;gravel 16. Water at 10.
Con XX " 20	E.Dilliot	W.Hopper & Sons	Apr.30,1966	4	10	64	58	"	D	Yellow clay 18;sandy clay 45;blue clay stones 95;hardpan 106; brown limestone 150. Water from 140 to 150.
Con XX " 23	Dr.M.Humphrys	"	July 6,1966	4	8	75	70	"	D	Sandy clay 10;hardpan 40;blue clay 70;hardpan 94;loose rock 99;brown limestone grey streaks 180. Water from 150 to 180.
MRE " 14	Public School Board	"	Dec.23,1965	6	25	182	170	Sulphur	P	Yellow clay 16;blue clay stones 85;blue clay 110;hardpan 142; brown limestone 235. Water from 210 to 235.
MRE " 14	Twp.School	"	June14,1966	6	30	195	185	"	P	Yellow clay 18;blue clay 65;hardpan 132;brown limestone 215; grey limestone 235;brown limestone 250. Water from 185 to 250.
MRE " 16	E.Stevens	C.&H. Kerr	Oct.28,1965	5½	13	220	194	Fresh	D	Clay 5;stony clay 80;boulder clay 140;dark limestone 200;grey limestone 250. Water at 248.
MRW " 6	Mennonite Church	R.Hudson	Aug.15,1966	36	½		20	"	P	Blue clay 20;silt 24;hard blue clay 30. Water at 20.
MRW " 16	B.Nethercott	"	June10,1966	36				"		Blue clay 40. Dry hole.
MRW " 18	J.DeBrasbandere	Hadco Well Digging Ltd.	July31,1964	30	2	32	23	"	D	Topsoil 1;brown clay rocks 12;grey clay rocks 23;brown sand rocks 27;blue clay rocks 33. Water at 23.

PERTH COUNTY - cont.  
Blanshard Twp. - cont.

NRW	Lot	21	D.Barber	M.Jones	Mar.18,1964	5	10	200	200	Fresh	D,S	Clay stones 60;sand 61;stony clay 86;fine sand 91;clay hardpan 105;stone clay 116;sandy clay 130;fine sand 131;brown limestone 230. Water at 200.
NBC	"	5	Pinnie Distributors	W.Hopper & Sons	Mar.16,1965	5	50	87	75	"	S	Yellow clay 12;blue clay 20;gravel 24;hardpan 72;loose rock 80;brown limestone grey streaks 172. Water from 150 to 172.
NBC	"	10	C.Forman	M.Jones	May29, 1967	5	10	100	70	"	D	Sandy clay 17;clay hardpan 43;sandy clay 69;brown limestone 117. Water from 112 to 117.
SBC	"	1	G.Hopson	W.Hopper & Sons	Apr.27,1964	4	10	57	55	"	D,S	Fill 2;yellow clay 12;blue clay 42;hardpan 68;soft rock 75;brown limestone 125;grey limestone 160. Water from 140 to 160.
SBC	"	2	R.Bolston	"	Oct. 4,1965	4	10	66	65	"	D,S	Topsoil 1;yellow clay 12;blue clay 60;hardpan 88;loose rock 97;brown limestone 175. Water from 150 to 175.
SBC	"	3	J.Fenz	R.Hudson	Sep.11,1965	36	1/2	35	25	"	D	Brown clay 15;blue clay 20;sandy clay 30;blue clay 35. Water at 20.
TRS	"	28	St.Mary's Cement Co.Ltd.	C.&H. Kerr	Nov.22,1965	5	15	46	28	"	D,S	Sandy clay 5;boulder gravel 30;grey limestone 50;brown limestone 76;dark brown limestone 117. Water from 112 to 116.
WBC	"	9	H.Greenstreet	M.Jones	Apr.14,1964	5	8	180	180	"	D	Clay 10;gravel stones 18;clay stones 45;sand 49;limestone 200. Water at 198.

Downie Twp.

Con I	lot	9	F.Packham	Lone Star Well Digging	Oct.20,1965	30	5		8	Fresh	S	Sand 8;gravel 15. Water at 8.
Con I	"	15	M.Hammond	W.Hopper & Sons	June29,1965	4	10	24	22	"	P	Topsoil 1;yellow clay 10;gravel 12;hardpan 84;loose rock 88;brown limestone 150. Water from 140 to 150.
Con I	"	16	D.Purdy	Hadco Well Drlg. & Digging Ltd.	June21,1967	30	1	30	12	"	D	Topsoil 1;brown clay 12;blue sandy clay 28;gravel 30. Water at 28.
Con I	"	18	M.Seebach	W.Hopper & Sons	Oct. 8,1965	4	10	29	23	"	D	Yellow clay 18;blue clay stones 56;hardpan 83;grey rock 135. Water from 125 to 135.
Con I	"	18	H.Karkbeck	Hadco Well Digging Ltd.	Aug.17,1966	30						Topsoil 6;brown clay 12;blue clay 30. Dry hole.
Con I	"	19	H.Malcho	W.Ropper & Sons	Mar.31,1964	4	9	32	30	Fresh	D	Topsoil fill 2;sandy yellow clay 12;blue clay 40;stony hardpan 101;loose rock 104;brown limestone 155. Water from 145 to 155.
Con I	"	20	W.Eyburgen	"	Oct.31,1966	4	10	32	26	"	D	Yellow clay stones 18;blue clay stones 42;hardpan 106. Water at 155.
Con II	"	6	E.Walters	Kerr's Well Drlg	Aug. 1,1966	5 1/2	12	60	40	"	D	Stony brown clay 25;blue clay 47;stony blue clay 116;grey limestone 146. Water at 144.
Con II	"	6	Rev.J.O'Bourke	W.Hopper & Sons	June27,1966	4	9	60	55	"	D	Topsoil 1;sandy clay 14;blue clay 50;hardpan 121;loose rock 126;brown limestone 160;brown limestone grey streaks 190. Water from 180 to 190.
Con II	"	25	Arbogast Bros.	"	Sep.13,1966	4	9	50	35	"	D,S	Yellow clay 10;blue clay 25;hardpan 69;loose rock 75;brown limestone grey streaks 150. Water from 135 to 150.
Con III	"	25	J.Moffat	"	Nov.26,1965	4	10	32	29	"	D	Fill 3; yellow clay 15;blue clay 30;hardpan 62;loose rock 66;brown limestone 125. Water from 115 to 125.
Con IV	"	1	J.Flannigan	W.Burwell	Jan.14,1964	5	7	75	50	"	D,S	Clay 60;stony gravel 90;clay 140;gravel 164;rock 168. Water at 168.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Downie Twp. - cont.										
Con V lot 1	V.Walker	Hopper Well Drlg.	Aug.21,1965	4	10	72	60	Fresh	D	Yellow clay stones 22;blue clay stones 62;sandy clay 98;stones clay 177;grey rock 200. Water from 190 to 200.
Con V " 1	S.Sereres	W.Hopper & Sons	Sep.17,1965	4	10	93	82	"	D,S	Yellow clay 18;blue clay stones 68;hardpan 125;sandy clay 155; gravel 166;grey limestone 218. Water from 200 to 218.
Con V " 4	F.Gibb	Hopper Well Drlg.	Nov.26,1967	4	11	67	64	"	D,S	Top clay 7;clay stones 28;gravel 32;clay stones 85;stony hardpan 148;brown limestone 182;white limestone 205. Water from 182 to 205.
Con V " 7	S.Pike	I.Davis	July 31,1964	6 1/2	3	60	46	"	D,S	Cement gravel 129;grey rock 195. Water at 194.
Con VI " 2	W.Dill	W.Hopper & Sons	July 7,1967	4	15	90	70	"	D,S	Yellow clay 19;sand gravel 58;clay stones 95;hardpan 173;grey rock 240. Water at 240.
Con VI " 5	J.Warder	"	Apr.10,1967	4	10	65	46	"	D,S	Yellow clay stones 16;blue clay stones 86;hardpan 126;grey rock 218. Water from 200 to 218.
Con VII " 1	R.Davis	D. & H.Kerr	June 23,1964	5 1/2	12	65	45	"	D	Stony clay 30;sand 100;large boulder 106;sand 130. Water from 106 to 130.
Con VII " 5	R.Dill	W.Hopper & Sons	July 14,1966	4	10	53	50	"	S	Yellow clay 14;blue clay stones 50;hardpan 134;loose rock 139; brown limestone 210.
Con VIII " 10	Downie Twp. School Area	"	June 22,1966	6	20	68	63	"	P	Yellow clay 18;blue clay stones 70;hardpan 134;brown limestone 205. Water from 175 to 205.
Con VIII " 10	"	"	Jan.22,1966	6	20	68	63	"	P	Yellow clay 18;blue clay stones 70;hardpan 134;brown limestone 205. Water from 175 to 205.
Con IX " 5	G.Stewart	R.Hudson	Oct.13,1967	36	8	14	5	"	D	Clay 5;coarse gravel 6;sand 15. Water at 5.
Con IX " 6	L.Henstock	Hadco Well Digging Ltd.	Nov.28,1966	30	3	20	8	"	D	Topsoil 1/2;sandy brown clay 4;sand 10;brown clay 11;gravel 12; brown sand 20. Water at 11.
Con IX " 18	S.S.#7,Downie	I.Davis	July 6,1964	6 1/2	4	40	30	"	P	Stones hardpan 95;limestone 123. Water at 120.
Con X " 2	J.Hearn	R.Hudson	Sep.11,1964	36	5	12	5	"	D	Brown clay 4;gravelly clay 6;hardpan 12;fine gravel 16. Water at 12.
Con X " 19	AvonBank Cheese & Butter Factory	Kerr's Well Drlg.	Mar.22,1966	8	350	44	20	"	In	Top clay 3;sandy clay 7;stony brown clay 15;stony blue clay 68;grey limestone 218;light grey limestone 318;dark grey limestone 360. Water at 125, 155,190,218,312,360.
Con XII " 10	A.Fluttert	I.Davis	Apr.27,1964	6 1/2	15	60	33	"	D,S	Hardpan gravel 92 1/2. Water at 92 1/2.
Con XIV " 1	C.Sheldon	R.Hudson	Oct.13,1967	36	10	8	4	"	D	Clay 4;fine gravel 10. Water at 4.
Con XIV " 11	H.Olbach	W.Hopper & Sons	Aug.16,1965	4	9	56	55	"	D	Fill 1;yellow clay 12;blue clay 50;hardpan 75;loose brown limestone 81;light brown limestone grey streaks 138. Water from 130 to 138.
Gore Con IV " 4	R.Packham	"	Nov.12,1964	4	10	70	63	"	D	Yellow clay 18;blue clay boulders 86;blue clay 124;hardpan 148;brown limestone 197. Water from 178 to 197.
Gore Con VI " 5	A.Tanner	"	Feb. 3,1964	4	8	88	85	"	D,S	Topsoil fill 3;sandy clay 25;hardpan 100;blue clay 120;hardpan 167;loose rock 174;grey limestone chert 214;black white limestone 227. Water from 215 to 227.
Gore Con VI " 7	F.McKay	"	July 20,1964	4	8	85	80	"	D,S	Topsoil fill 2;yellow clay 15;hardpan 170;loose rock 178; cherty limestone 200. Water from 195 to 200.
Gore Con VII " 5	R.Hislop	I.Davis	June 1,1964	6 1/2	10	61	51	"	D,S	Cement gravel 203;grey rock 250. Water at 248.
Gore Con VII " 8	P.Lupton	Steinman & Baird	Aug. 5,1964	5	18	100	78	"	D,S	Silty brown clay 17;hardpan 72;grey gritty clay 104;gritty hardpan 172;shale 186;greyish brown limestone 211;grey limestone 214. Water at 211.
Gore Con VIII " 10	J.Thomson	G.Wallis	May 26,1964	6 1/2	15	125	96	"	S	Brown sandy clay 19;sandy blue clay 96;sand gravel cemented layers 116;fine sand 121;gravelly blue clay 187 1/2;brown limestone 230. Water at 220.

PERTH COUNTY - cont.												
Downie Twp. - cont.												
Gore	Con IX	lot 9	H. VanNes	W. Hopper & Sons	Feb. 1, 1965	4	10	89	84	Fresh	D, S	Yellow clay 26; blue clay stones 106; hardpan 115; gravel 120; hardpan 170; brown limestone 224. Water from 200 to 224.
Gore	Con X	" 13	M. Vandam	M. Hooper	May 4, 1964	4	8	85	80	"	D, S	Fine red sand 47; grey hardpan fine sand 130; fine sand blue clay 179; hard brown limestone 200. Water at 200.
Gore	Con X	" 18	T. Hammond	W. Hopper & Sons	Apr. 18, 1964	4	10	50	50	"	In	Sandy clay 10; fine gravel 15; blue clay 60; hardpan 95; gravel 99; loose rock 103; brown limestone 160; grey limestone 170. Water from 150 to 170.
Gore	Con X	" 19	J. Magens	I. Davis	June 11, 1964	6 1/2	10	60	50	"	D	Clay gravel 50; cement gravel 100; grey rock 157. Water at 155.
Gore	Con X	" 19	W. Kearney	R. Hudson Well Boring	June 19, 1965	36	6	16	4	"	D	Topsoil 1; clay stones 4; sand gravel 8; blue clay 12; quicksand 16; brown clay 18. Water at 4.
Gore	Con XI	" 16	F. Whaling	G. Wallis	Mar. 26, 1964	6 1/2	15	110	94	"	D, S	Light brown sand 22; blue clay 84; slightly gravelly blue clay 101; blue clay 130; sand gravelly blue clay 180; brown limestone 250. Water at 197.
Gore	Con XI	" 20	J. Keen	W. Hopper & Sons	Aug. 27, 1965	4	10	52	50	"	D	Topsoil 1; yellow clay 10; blue clay 60; hardpan 90; loose rock 94; brown limestone 180. Water from 165 to 180.
Gore	Con XI	" 21	J. Walsh	"	Aug. 11, 1965	4	10	37	36	"	D	Sand 16; hardpan 70; loose brown limestone 101; brown limestone grey streaks 175. Water from 160 to 175.
Gore	Con XI	" 18	H. Sterkenburg	M. Hooper	Feb. 18, 1964	5	5	62	54	"	D, S	Topsoil dark sand 4; blue clay stones 81; sand fine gravel 83; blue clay coarse gravel 99; brown hard limestone. Water at 117.
Gore	ORW	" 3	B. Sterkenburg	I. Davis	May 21, 1964	6 1/2	10	60	50	"	D, S	Clay stones 100; cement gravel 140; soft white rock 180. Water at 175.
Gore	ORW	" 6	T. Jacobs	T. Jacobs	July 6, 1964	6 1/2	4	60	50	"	D	Brown clay 15; cement gravel stones 115; limestone. Water at 115.
Ellice Twp.												
Con I	lot 15	D. Doan	Hopper Well Drlg.	May 16, 1966	4	10	36	29	Fresh	D	Yellow clay stone 18; blue clay 68; hardpan 95; brown limestone 155. Water from 140 to 155.	
Con I	" 16	M. Reid	W. Hopper & Sons	Apr. 4, 1964	4	10	15	14	"	D	Yellow clay 10; gravel 15; blue clay 70; hardpan 91; brown limestone 160. Water from 145 to 160.	
Con I	" 16	K. Ney	Hopper Well Drlg.	Oct. 26, 1967	4	14	25	22	"	D	Top clay 4; clay stones 24; gravel 29; clay stones 83; dark brown limestone 136; light brown limestone 149. Water from 136 to 149.	
Con I	" 20	H. Luckhart	N. Steinman	Apr. 14, 1966	4	18	38	31	"	D	Clay 7; sand 9; clay 63; gritty clay 83; dirty gravel 86; gritty clay 104; brown limestone 121. Water from 115 to 121.	
Con II	" 7	T. Willemsen	W. Hopper & Sons	Jan. 5, 1967	5	10	65	58	"	D	Yellow clay 18; blue clay stones 80; gravel 84; hardpan 139; brown limestone 190. Water from 170 to 190.	
Con II	" 20	W. Hoggarth	"	Nov. 5, 1966	4	10	16	14	"	D	Yellow clay stones 22; blue clay stones 68; hardpan 95; brown rock 150. Water from 140 to 150.	
Con II	" 25	P. D'Avernas	"	May 4, 1967	4	10	65	60	"	D, S	Yellow clay 32; blue clay stones 85; hardpan 124; grey rock 165. Water at 165.	
Con III	" 6	K. Tuffnail	Hopper Well Drlg.	Sep. 9, 1967	5	25	55	50	"	D, S	Yellow clay 5; clay stones 38; hardpan stones 75; clay stones 123; light brown limestone 190; grey limestone 213. Water from 190 to 213.	
Con III	" 16	M. Connolly	W. Hopper & Sons	Oct. 13, 1964	4	10	25	22	"	D, S	Fill 2; yellow clay 10; blue clay 45; hardpan 96; loose rock 101; brown limestone 155. Water from 145 to 155.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Elllice Twp. - cont.										
Con III lot 17	J.Herold	W.Hopper & Sons	Apr.12,1964	4	10	24	22	Fresh	D,S	Topsoil fill 2;yellow clay 10;blue clay 53;hardpan 98;loose rock 101;brown limestone 160. Water from 150 to 160.
Con III " 22	R.Trethewey	Hopper Well Drlg.	Oct.24,1967	4	25	28	20	"	D,S	Top clay 5;blue clay 62;gravel 77;hardpan 82;white limestone 90;light brown limestone 135;light grey limestone 158. Water from 135 to 158.
Con III " 34	J.Timmerman	W.Hopper & Sons	July 21,1966	4	10	6	4	"	D,S	Yellow clay 18;blue clay 58;gravel 63;hardpan 75;brown rock 135. Water from 120 to 135.
Con IV " 1	N.Chambers	"	Feb. 4,1965	4	10	66	58	"	D	Topsoil fill 4;sandy clay 12;yellow clay stones 34;blue clay stones 58;gravel boulders 64;blue clay stones 125;hardpan 163; brown limestone 215. Water from 195 to 215.
Con IV " 2	E.Dill	"	Jan.29,1966	4	10	44	38	"	D,S	Stones clay 18;blue clay 89;hardpan 147;brown rock 203. Water from 180 to 203.
Con VI " 30	Kinkora Sepa- rate School	"	Aug.30,1965	4	15	60	17	"	F	Yellow clay stones 28;blue clay stones 58;gravel 64;hardpan 83;brown rock 130. Water from 120 to 130.
Con VII " 20	Elllice Twp. School	Hopper Well Drlg.	Sep.14,1967	6 1/2	29	55	48	"	F	Top clay 9;clay stones 27;blue clay 55;hardpan stones 121; light brown limestone 190;dark brown limestone 220;grey limestone 242. Water from 200 to 242.
Con VII " 30	C. Gansevles	W.Hopper & Sons	May 31,1967	4	8	30	25	"	D	Topsoil 1;yellow clay 10;blue clay 65;hardpan 77;loose rock 84;yellow limestone 135. Water from 120 to 135.
Con X " 21	W.Zurell	Hopper Well Drlg.	Sep.23,1967	4	12	62	55	"	D	Top clay 7;blue clay 35;hardpan 115;brown limestone 140;grey limestone 159. Water from 140 to 159.
Con X " 30	L.Morrison	F.Jackson	Jan.23,1964	4	18	25	14	"	D,S	Open well 15;blue clay 40;clay grit 90;limestone 93. Water at 91.
Con X " 34	W.Kenny	C.Keeso	Sep. 3,1964	4	10	32	32	"	D,S	Clay gravel 54;sandy clay gravel 63;brown shale 96;brown limestone 145. Water from 140 to 145.
Con X " 34	A.VanNyatten	R.McPherson Drlg. Ltd.	Sep. 6,1967	4	40	25	15	"	S	Yellow clay 10;sand 25;blue clay 85;muddy brown limestone 90; grey limestone 124. Water at 120.
Con XI " 14	J.Dunsmore	Hopper Well Drlg.	Sep.26,1967	4	13	35	33	"	D,S	Top clay 4;sand 16;clay stones 47;hardpan 124;dark brown limestone 160;brown limestone 184. Water from 160 to 184.
Con XI " 31	J.Morrison	F.Jackson	Jan.21,1964	4	18	28	18	"	D	Clay loam 5;hardpan 15;blue clay grit 40;clay boulders gravel 101;limestone 123. Water at 106.
Con XII " 16	B.Depuis	F.Straus	Nov. 4,1965	5				Sulphur	N	Fill 3;clay 90;hardpan 122;rock 144. Water at 144.
Con XII " 16	"	"	Nov.18,1965	5	12	43	40	Fresh	D,S	Topsoil 2;brown clay 80;hardpan 116;brown rock 138. Water from 30 to 138.
Con XVI " 5	H.Roes	W.Hopper & Sons	Sep.28,1964	4	9	40	34	"	D,S	Topsoil 1;yellow clay 12;blue clay 16;gravel 18;blue clay 60; hardpan 163;rock 165;grey brown limestone 200. Water from 194 to 200.
Elma Twp. Con I lot 14	Campbell Soup Co.	C.Keeso	Oct.26,1964	4 1/2	15	35	31	Fresh	S	Sandy brown clay 80;brown limestone 139. Water at 138.
Con I " 14	"	"	Feb.15,1964	4	22	35	32 1/2	"	S	Topsoil 4;clay 38;hardpan 56;sandy clay 70;shale 89;brown rock 185;white limestone 200. Water from 185 to 200.
Con I " 25	"	"	Oct. 8,1964	4	18	27	27	"	S	Fill 10;clay 50;brown shale 82;hard blue limestone 172. Water from 168 to 172.

PERTH COUNTY - cont.  
Elma Twp. -cont.

Con I	lot 30	Campbell Soup Co. Ltd.	C.Keeso	Jan.24,1964	4	22	24	31	Fresh	S	Topsoil 4;blue clay 45;hardpan 64;sandy clay 78;shale 106; brown limestone 162. Water from 140 to 162.
Con I	" 32	G.Nichol	"	July25,1966	4	15	58	54	"	S	Hardpan 59;blue clay 90;sandy clay 100;shale 110;brown limestone 180;white limestone 248. Water from 230 to 248.
Con II	" 4	A.Green	"	June10,1965	4	15	13	13	"	D,S	Topsoil 2;blue clay 78;hardpan 89;brown shale 96;brown limestone 146. Water at 146.
Con II	" 6	W.Hall	Hadco Well Digging Ltd.	Sep.14,1966	30	1	28	18	"	D	Topsoil 6;brown clay stones 18;blue clay 22;gravel sand 25; blue clay rocks 30. Water at 18.
Con II	" 34	M.Cross	C.Keeso	Aug.12,1967	5	15	46	44	"	D	Topsoil 3;hardpan 20;blue clay 80;sandy clay 105;white shale 115;white limestone 150;blue limestone 162. Water from 150 to 162.
Con III	" 3	B.Fisher Farms Ltd.	"	June29,1964	4	18	19	17	"	D,S	Topsoil 4;blue clay 42;hardpan 71;sandy clay 80;shale 84; brown limestone 160. Water from 150 to 160.
Con IV	" 16	H.Turnbull	"	June23,1964	4	10	25	22	"	D	Topsoil 2;clay 52;brown shale 86;brown limestone 145. Water at 142.
Con IV	" 16	Campbell Soup Co.	G.Davidson	Oct. 9,1964	4	10	43	35	"	C	Brown clay stones 18;blue clay 30;sand gravel hardpan 54;loose brown shale 58;brown rock layers black rock 127. Water from 112 to 127.
Con IV	" 18	"	W.Hopper & Sons	Sep.27,1965	5	20	42	27	"	S	Yellow clay 22;yellow clay limestone 48;hardpan 75;grey limestone 175. Water from 160 to 175.
Con IV	" 18	"	"	Aug.10,1965	5	20	27	23	"	S	Yellow clay 18;blue clay stones 55;hardpan 87;brown limestone 129;grey limestone 165. Water from 135 to 165.
Con IV	" 18	"	"	Aug. 2,1965	5	20	38	21	"	S	Yellow clay 25;limestone 32;hardpan 78;brown rock 135;grey rock 175. Water from 150 to 175.
Con V	" 9	K.Nethercott	G.Davidson	Jan.16,1965	4	15	25	12	"	D,S	Clay gravel 8;bridging clay 18;stony hardpan 32;brown soft shale 68;brown soft limestone 123. Water at 123.
Con V	" 15	C.Johnston	C.Keeso	Oct. 4,1964	4	14	28	26	"	D	Topsoil 5;blue clay 58;sandy clay 84;gravelly hardpan 100; brown shale 124;brown limestone 150;white limestone 158. Water from 150 to 158.
Con VI	" 15	F.Lemmex	"	Oct.26,1967	4	14	21	18	"	D	Topsoil 4;blue clay 40;gravelly clay 95;brown shale 122; brown limestone 137. Water from 130 to 137.
Con VI	" 16	W.Gowing	G.Davidson	Sep. 2,1964	4	20	30	22	"	D	Brown yellow clay 20;hardpan 29;blue clay 34;stony hardpan 47; brown soft shale 56;brown mediu hard limestone 82. Water at 82.
Con VI	" 16	A.Matheson	C.Keeso	June 5,1965	4	15	13	9½	"	F	Fill 2;white sandy clay 68;brown shale 95;brown limestone 150. Water at 150.
Con VI	" 16	L.Richardson	"	Sep.21,1967	4	14	17	16	"	D	Topsoil 4;blue clay 35;gravelly clay 60;hardpan 72;brown shale 84;brown limestone 112. Water from 108 to 112.
Con VIII	" 20	B.Saunders	"	Aug. 3,1967	4	14	20	18	"	D,S	Topsoil 4;brown clay 45;sandy clay 90;brown shale 120;brown limestone 186. Water from 175 to 186.
Con VIII	" 16	O.Smith	"	July 8,1964	5	40	8	7	"	D	Topsoil 3;brown clay 30;sandy hardpan 50;blue clay 70;shale 88;brown limestone 156. Water from 140 to 156.
Con VIII	" 16	B.Fisher	"	Apr.11,1965	4	15	6	5	"	D	Hardpan boulder 55;brown shale 91;brown limestone 127. Water at 127.
Con IX	" 16	Elma Central School	"	Apr. 6,1966	6½	40	12½	12	"	P	Topsoil 4;sandy clay 30;blue clay 52;shale 59;brown limestone 135;white limestone 156. Water from 135 to 156.
Con X	" 15	K.Hart	"	June10,1966	4	15	4	Flows	"	S	Topsoil 4;blue clay 46;sandy shale 70;brown limestone 108. Water from 100 to 108.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Elma Twp. - cont.										
Con X lot 36	C.Steckly	Ladco Drlg & Exploration Co. C.Keeso	June 16, 1967	4	8	55	30	Fresh	D	Clay rocks 78; light brown rock 125. Water at 88 and 120.
Con XII " 15	W.Burgett & N.Montague	"	Sep. 1, 1966	4	14	6	4	"	In	Topsoil 4; blue clay 35; gravel clay 100; blue clay 214; shale 220; blue limestone 239. Water from 230 to 239.
Con XII " 25	L.Johnston	"	Jan. 17, 1964	4	18	4	4	"	S	Dug well 25; clay boulders 58; brown shale 89; brown limestone 131. Water from 120 to 131.
Con XIV " 5	I.Feoss	"	May 29, 1967	4	15	17	16	"	D,S	Topsoil 4; blue clay 50; sandy clay 80; brown shale 90; brown limestone 116. Water from 112 to 116.
Con XIV " 16	P.Connolly	W.Hopper & Sons	June 23, 1965	4	10	6	3	"	D,S	Yellow clay 16; blue clay stones 48; sand gravel 59; brown rock 120. Water from 110 to 120.
Con XV " 16	K.Vanderdurg	C.Keeso	July 14, 1967	4	20			Flows	"	Topsoil 3; blue clay sandy clay 80; shale 94; brown limestone 183. Water from 175 to 183.
Con XVI " 12	P.McKenzie	"	Aug. 4, 1964	4	14	22	20	"	D,S	Top soil 3; clay 40; gravelly clay 58; hardpan 76; shale 88; brown limestone 125. Water from 118 to 125.
Con XVII " 15	K.Vanderdurg	"	Feb. 13, 1967	4	16	15	14	"	S	Topsoil 4; blue clay 48; sandy clay 75; soft brown shale 112; brown limestone 160. Water from 150 to 160.
Con XVII " 36	L.Diehl	W.Hopper & Sons	June 20, 1964	4	10	30	28	"	D,S	Topsoil 2; yellow clay 24; blue clay stones 76; hardpan 96; brown limestone 133. Water from 130 to 133.
Con XVIII " 15	Monkton Post Office	"	June 16, 1964	4	10	13	12	"	P	Fill 3; dirty gravel 10; blue clay 25; hardpan 65; loose rock 70; brown limestone 100. Water from 90 to 100.
Con XVIII " 15	K.Rennick	C.Keeso	May 27, 1965	4	10	13	13	"	P	Sandy clay gravel 50; brown shale 89; brown limestone 124. Water at 124.
Con XVIII " 15	H.Smith	"	June 2, 1967	4	15	18	16	"	D	Dug well 18; hardpan 40; sandy hardpan 70; brown shale 83; brown limestone 108. Water from 100 to 108.
Con XVIII " 16	N.Engel	"	Mar. 14, 1966	4	15	17	13	"	D	Topsoil 5; blue clay 32; hardpan 58; sandy clay 74; shale 88; brown limestone 107. Water from 100 to 107.
Con XVIII " 16	R.Shine	"	Nov. 11, 1966	4	15	18	16	"	D,S	Dug well 12; blue clay 60; sandy hardpan 80; brown shale 88; brown limestone 112. Water from 100 to 112.
Fullarton Twp.										
Con I lot 6	E.Boville	W.Hopper & Sons	Apr. 18, 1966	4	10	74	29	Fresh	D,S	Topsoil 1; yellow clay 12; blue clay 40; hardpan 79; loose rock 82; brown limestone 145; brown limestone chert 150. Water from 140 to 150.
Con I " 13	W.Barley	"	Oct. 12, 1965	4	10	22	18	"	D	Yellow clay stones 34; hardpan 73; brown limestone 120. Water from 100 to 120.
Con II " 14	M.Feltz	"	July 23, 1965	4	10	50	48	"	D,S	Topsoil 1; yellow clay 12; blue clay 15; gravel 16; blue clay 70; hardpan 88; loose yellow limestone 96; light brown limestone 120. Water from 110 to 120.
Con II " 26	A.Poster	"	Apr. 29, 1964	4	10	34	32	"	D	Top clay 7; clay stones 40; blue clay 86; hardpan 102; gravel 109; shale 137; brown limestone 147. Water from 127 to 147.
Con III " 1	B.Greb	Lone Star Well Digging	June 23, 1967	30	3	20	15	"	D	Clay 20; coarse gravel 22. Water at 20.
Con III " 2	H.Litt	W.Hopper & Sons	Oct. 5, 1964	4	10	65	60	"	D,S	Yellow clay stones 26; blue clay 42; gravel 57; blue clay stones 67; brown rock 150. Water at 150.
Con III " 20	J.Bos	"	Apr. 7, 1964	4	10	62	60	"	D,S	Top clay 7; clay stones 34; blue clay stones 85; hardpan 107; limestone boulder clay 138; yellow limestone 176. Water from 160 to 170.

PERTH COUNTY - cont.											
Fullarton Twp. - cont.											
Con IV	lot 9	A.Maschre	W.Hopper & Sons	Nov.11,1966	4	7	66	64	Fresh	D,S	Old well 80;dark brown limestone 97;sandstone 109;light brown limestone 115. Water from 102 to 115.
Con V	" 5	W.Seebach	"	May 14,1965	4	10	42	40	"	D,S	Topsoil 1;sandy clay 12;blue clay 40;stony hardpan 65;hardpan 79;loose limestone 86;soft brown limestone 130. Water from 120 to 130.
Con VI	" 5	A.Lubbers	"	Sep.15,1965	4	10	62	50	"	D,S	Yellow clay 9;sandy clay stones 86;gravel 95;brown rock 134. Water from 125 to 134.
Con VI	" 7	G.Mitchell	"	Dec. 9,1964	4	10	37	35	"	D	Stones clay 35;blue clay 52;hardpan 78;brown rock 135. Water from 125 to 135.
Con VII	" 6	F.Knott	"	May.28,1964	4	10	41	40	"	D,S	Top clay stones 35;blue clay 60;hardpan 86;grey limestone 100; brown limestone 125;light brown limestone 140. Water from 125 to 140.
Con IX	" 15	D.Davis	"	May 11,1966	4	8	185	180	"	D,S	Top clay 7;gravel 20;blue clay 64;clay stones 110;hardpan 127; grey limestone 170;brown limestone 225. Water from 180 to 225.
Con XII	" 19	C.Burrill	Hadco Water Well Drlg. Ltd.	Aug.17,1964	4	4	285	270	"	D	Boulders clay 15;clay 55;gravel 57;sand shale 103;sand 107; brown bedrock 302;sandrock 307;brown rock 325. Water at 312.
MRE	" 13	F.Pelling	R.McPherson Drlg. Ltd.	Oct. 4,1967	4	20	80	70	"	D	Topsoil 3;large stones 6;gravel stones 100;gravel 126;limestone 140. Water at 137.
MRE	" 25	Great Star Farms	W.Hopper & Sons	Nov.12,1965	6½	15	157	150	"	S	Yellow clay 10;stony hardpan 65;loose rock 70;brown limestone 120;light brown limestone 130. Water from 200 to 230.
MRW	" 6	C.Walkom	"	May 15,1964	5	8	137	136	"	D,S	Old well 35;clay stones 57;stones 61;hardpan 161;stones clay 167;brown limestone 220;white limestone 240;grey limestone 253. Water from 246 to 253.
MRW	" 12	L.Pride	R.Hudson	Oct. 6,1962	36	2	25	23	"	D	Topsoil 4;gravel sand 26. Water at 23.
MRW	" 12	R.Richardson	W.Hopper & Sons	Mar. 9,1965	4	10	113	110	"	D	Clay 5;gravel 25;stones clay 65;hardpan 105;brown rock 160. Water from 150 to 160.
MRW	" 12	Twp. Fullarton	"	June 20,1966	4	11	77	75	"	D	Top clay 5;gravel 7;blue clay 33;clay stones 44;hardpan 90; gravel 126;light brown limestone 146. Water from 126 to 146.
MRW	" 16	M. Selves	R.Hudson	June 15,1965	36	7	10	26	"	D,S	Big gravel stones 6;blue clay 14. Water at 2.
TRN	" 35	R.Martyn	"	Oct.12,1967	36	60	6	3	"	D	Clay 6;coarse sand 15. Water at 6.
Hibbert Twp.											
Con I	lot 1	Mitchell Fertilizer & Supply Ltd.	W.Hopper & Sons	Aug.26,1966	4	10	56	52	Fresh	C	Black soil 7;yellow clay 23;blue clay stones 82;hardpan 104; brown limestone 150. Water from 135 to 150.
Con I	" 15	A.,M.,&T.Ryans	"	June 20,1967	4	8	40	35	"	D	Fill 2;yellow clay 10;hardpan 20;gravel 70;grey limestone 80; hard grey limestone 120;brown limestone 150. Water from 140 to 150.
Con I	" 20	E.McGrath	"	July 15,1966	4	10	32	28	"	D,S	Old well 10;yellow clay 24;blue clay stones 58;hardpan 79; grey rock 100. Water at 100.
Con I	" 23	A.Cronin	"	June 5,1967	4	9	45	37	"	D,S	Topsoil 1;yellow clay 10;blue clay 21;dirty gravel 26;hardpan 64;rock 67;hard grey limestone 98;yellow limestone 135. Water from 120 to 135.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)	
PERTHE COUNTY - cont.											
Hibbert Twp. - cont.											
Con I	lot 24	J. Ryan	F. Jackson	Nov. 26, 1964	4	12	48	14	Fresh	D	Fill 5; blue clay grit 45; gravel blue clay stones 65; bedrock limestone 68. Water at 66.
Con I	" 25	J. Sloan	"	July 29, 1964	4	12	21	11	"	D	Fill clay 3; clay grit 40; stone false rock 66; limestone 75. Water at 70.
Con I	" 29	A. Kennedy	"	Mar. 16, 1964	4	18	22	12	"	D	Clay topsoil 4; hardpan 15; blue clay boulders 43; clay grit 48; limestone black specks 60. Water at 50.
Con II	" 6	C. Roney	W. Hopper & Sons	Sep. 19, 1964	36	2	26	15	"	D, S	Brown clay 15; blue clay 26; coarse gravel 28. Water at 26.
Con III	" 25	J. Menheere	C. Keeso	Aug. 6, 1964	4	10	28	14	Sulphur	D, S	Dug well 49; sandy shale 80; white limestone 94. Water at 94.
Con IV	" 25	A. Menheere	"	Aug. 21, 1964	4	10	13	12	"	D, S	Hardpan boulder 34; brown shale 52; brown limestone 120. Water from 110 to 120.
Con V	" 2	A. Harris	W. Hopper & Sons	Sep. 30, 1965	4	10	96	88	"	D, S	Yellow clay 18; blue clay stone 24; gravel 27; clay stones 83; hardpan 102; grey limestone 189. Water from 175 to 189.
Con V	" 5	R. Balfour	F. Jackson	Aug. 5, 1964	4	10	134	80	Fresh	D	Clay loam 2; blue clay grit 49; boulders clay grit 100; sandstone false rock 122; limestone 169. Water at 140.
Con V	" 12	C. Miller	W. Hopper & Sons	July 8, 1964	4	10	146	140	"	D, S	Yellow clay 28; blue clay stones 98; gravel 106; hardpan 167; grey limestone 220. Water from 200 to 220.
Con V	" 21	P. Vogels	"	Sep. 2, 1966	5	10	55	45	Sulphur	D, S	Yellow clay 20; blue clay 58; gravel 64; blue clay stones 105; hardpan 151; brown limestone 225. Water from 215 to 225.
Con VI	" 1	A. Vaneau	"	July 8, 1965	4	8	170	165	Fresh	D, S	Yellow clay 16; blue clay stones 58; hardpan 81; brown rock 195. Water from 165 to 195.
Con VII	" 4	K. Rice	Lone Star Well Digging	July 6, 1964	30	2	23	20	"	S	Brown clay 23; coarse gravel 25. Water at 23.
Con VIII	" 16	Hibbert Twp.	B. Hudson	Oct. 19, 1964	36	1	16	6	"	C	Clay 6; sandy clay 10; blue clay sandy streaks 18. Water at 6.
Con X	" 16	A. Gardiner	"	Nov. 7, 1964	36	10	16	4	"	D, S	Brown clay 4; blue clay 17; gravel 18. Water at 17.
Con XII	" 7	M. Nairn	E. Hussey	July 31, 1964	4	2	223	205	"	D, S	Yellow clay stones 25; dirty gravel sand 57; brown caving limestone 70; hard brown limestone 85; porous brown streaks black shale 101; caving limestone 206; soft brown limestone 227; soft grey limestone 231; soft brown limestone 233. Water from 227 to 231.
Logan Twp.											
Con I	lot 4	R. Watt	W. Hopper & Sons	Nov. 22, 1966	4	13	21	20	Fresh	D, S	Top clay 3; blue clay 40; hardpan stones 67; light brown limestone 98; grey limestone 108. Water from 98 to 108.
Con I	" 32	R. Aikens	F. Jackson	July 8, 1964	4	12	60	50	"	D	Black loam 2; hardpan 15; blue clay grit 140; false rock 144.
Con II	" 15	D. Campbell	W. Hopper & Sons	Nov. 4, 1964	4	10	48	38	"	D, S	Blue clay 28; blue clay stones 86; hardpan 113; brown rock 150. Water from 140 to 150.
Con II	" 25	M. Rose	"	Oct. 21, 1967	4	12	48	46	"	D, S	Top clay 7; clay stones 28; blue clay 53; hardpan stones 75; light grey limestone 126; brown limestone 144. Water from 126 to 144.
Con IV	" 2	H. Eickmeyers	"	Jan. 14, 1967	4	10	20	11	"	D, S	Yellow clay 14; blue clay 46; sand 52; hardpan 76; brown limestone 130. Water from 115 to 130.
Con VI	" 6	W. Hill	"	June 23, 1964	8	300	39	19	"	Ir	Top clay 14; clay stones 29; blue clay 38; hardpan 57; cemented gravel 64; light brown limestone 89; white limestone 140; grey limestone 240; brown limestone 270; white limestone 318. Water from 72 to 74, at 140 and 318.
Con VII	" 7	P. Horn	"	Sep. 10, 1966	4	10	28	23	"	D	Yellow clay 16; blue clay stones 50; hardpan 76; brown rock 110. Water from 100 to 110.



PERTE COUNTY - cont. Logan Twp. - cont.										
Con VII	lot 15	H. McNaughton	F. Jackson	June 24, 1964	4	12	35	22	Fresh	D Clay fill 3; hardpan 15; clay grit 69; gravel 77. Water at 35 and 69.
Con VII	" 16	B. Hill	W. Hopper & Sons	July 18, 1966	4	10	24	23	"	D, S Yellow clay 16; blue clay 66; brown rock 135. Water from 120 to 135.
Con VIII	" 9	J. Hagarty	"	Nov. 1, 1967	4	15	24	20	"	D, S Top clay 5; clay stones 19; gravel 25; hardpan 58; light brown limestone 78; brown limestone 97; light brown limestone 123. Water from 97 to 123.
Con IX	" 3	F. Dwyer	"	Aug. 27, 1965	4	10	29	26	"	D, S Top clay 5; clay stones 34; gravel 37; blue clay 59; hardpan stones 90; cemented gravel 96; light brown limestone 112; brown limestone 129. Water from 112 to 129.
Con IX	" 30	A. Trentowsky	"	Apr. 9, 1966	4	10	46	44	"	D Topsoil 1; yellow clay 10; blue clay 35; hardpan 45; gravel 47; hardpan 82; loose rock 85; brown limestone 145. Water from 130 to 145.
Con X	" 27	H. Elligson	"	Jan. 17, 1964	4	10	22	18	"	D, S Boulders clay 9; clay sand 27; coarse gravel 32; hardpan 58; gravel 61; brown rock 132. Water from 126 to 132.
Con XI	" 15	A. VanHerk Sr.	"	Nov. 18, 1967	4	20	29	15	"	D, S Top clay 7; hardpan 40; blue clay 62; cemented gravel 68; light brown clay 115; dark brown limestone 138. Water from 115 to 138.
Con XI	" 28	H. Bauer	"	Jan. 23, 1964	4	10	20	18	"	D, S Topsoil fill 2; yellow clay 10; blue clay 20; sandy clay 40; hardpan 48; gravel 56; loose limestone 62; brown limestone 100. Water from 90 to 100.
Con XII	" 15	Connolly Bros	C. Keeso	Jan. 27, 1964	4	12	16	15	"	D, S Topsoil 2; blue clay 40; hardpan gravel 74; brown shale 80; brown limestone 120. Water at 120.
Con XII	" 22	W. Osborn	F. Jackson	Jan. 15, 1964	4	18	15	15	"	D Open well 28; clay false rock 43; limestone 61. Water at 48.
Con XII	" 24	R. Osborn	"	Jan. 25, 1964	4	12	45	17	"	D Fill 5; clay grit 25; clay false rock 40; limestone 76. Water at 65.
Con XIV	" 5	S. Broughton	C. Keeso	May 20, 1965	4	12	20	19½	"	D, S Topsoil 2; sandy clay 81; brown shale 98; brown limestone 142. Water at 138 and 142.
Con XVI	" 1	K. Priestap	"	June 30, 1967	4	15	11	10	"	D, S Topsoil 5; blue clay 55; hardpan 70; sandy shale 88; brown limestone 121. Water from 112 to 121.
Con XVI	" 29	W. Osborn	"	Nov. 16, 1966	4	18	22	18	"	D, S Topsoil 3; blue clay boulders 44; brown shale 76; brown limestone 132. Water from 125 to 132.
Milverton, Village of										
	Vlg. Milverton	G. Davidson		Apr. 5, 1965	10	121	116	38	Fresh	P Brown clay stone 10; clay 22; sand 28; clay 46; sand 88; sand stones 102; hardpan 114; soft light brown rock 136; medium hard light brown rock 150; loose light brown rock 151. Water at 150 and 151.
Mitchell, Town										
	P. U. C.	International Water Supply Ltd.		Oct. 9, 1967	12	675	65	20	Fresh	P Fill 2; topsoil small boulders 6; hard clay gravel boulders 21; hard clay gravel 46; broken brown limestone 53; brown limestone 93; brown limestone soft streaks 123; brown darker limestone 134; brown limestone 145; grey limestone 150; brown limestone 180. Water from 53 to 180.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont.										
Mornington Twp.										
Con I lot 11	K.Jacobs	F.Straus	June 21, 1966	5	12	93	61	Fresh	D,S	Brown clay 91; hardpan 111; brown clay 134; hardpan 154; dirty sand 160; gravel 163. Water at 160.
Con I " 16	I.Roes	Steinman & Baird	July 7, 1964	4	15	48	42	"	D,S	Brown clay 28; grey clay 85; hardpan 161; shale slabs clay 176; brown clay 274; gravel 309; clay 312. Water at 312.
Con I " 17	E.Schlotzhauer	C.Keeso	Aug. 25, 1964	4	14	50	48	"	D,S	Topsoil 3; blue clay 95; sand 184; white limestone 238. Water from 224 to 238.
Con II " 4	L.Diehl	W.Hopper & Sons	June 29, 1964	4	6	45	40	"	D,S	Topsoil gravel 2; yellow sand 10; dirty gravel 25; blue clay 45; hardpan 115; loose rock 120; brown limestone 160; grey limestone 175. Water from 160 to 175.
Con II " 6	B.Jacobs	McLaughlin Water Wells & Supply	May 18, 1967	5	5	175	25	"	D	Topsoil 1; grey clay hardpan 70; hardpan 95; brown clay streaks sand 135; hardpan 175; grey quicksand clay 195; brown quicksand 215; coarse sand 220; sand gravel 224. Water from 220 to 224.
Con II " 7	T.Roulston	Hadco Well Drlg. & Digging	May 15, 1967	30	4	27	7	"	D	Brown clay 2; brown sand 14; blue clay 22; gravel 24; blue clay 30. Water at 10 and 22.
Con III " 6	E.Jantz	F.Straus	Oct. 30, 1967	5	15	55	40	"	D	Brown clay 144; dirty sand 147; brown clay 196; hardpan 206; sand 211; clay 214. Water from 206 to 211.
Con III " 13	D.Gascho	Hadco Well Digging Ltd.	Nov. 22, 1966	5	10	40	32	"	D	Brown clay 17; blue clay 59; sand 63; gravel 70. Water at 70.
Con III " 14	A.Albrecht	Steinman & Baird	July 31, 1964	5	12	75	47	"	D,S	Brown clay 14; grey clay 58; gritty grey clay hardpan 92; grey clay 135; gravel 136; brown clay 146; brown shale 148; brown limestone 156. Water from 154 to 156.
Con III " 15	H.Mayberry	"	Apr. 13, 1964	5	12	47	44	"	D	Brown clay 27; grey clay 57; hardpan 88; gritty hardpan gravel 92; gravel 94. Water at 94.
Con III " 16	A.Jantz	"	July 16, 1964	5	15	50	45	"	D,S	Brown clay 17; grey clay 50; hardpan 74; grey clay 92; gritty clay 95; gravel 97; hardpan 101; gravel 102. Water from 101 to 102.
Con V " 4	F.Gerber	McLaughlin Water Well Supply Ltd.	Feb. 22, 1967	5	10	90	45	"	D,S	Old dug well 14; clay 75; clay stones 114; limestone 125; brown limestone 128. Water from 125 to 128.
Con V " 10	E.Bancroft	C.Keeso	Sep. 17, 1964	4	10	35	35	"	D,S	Topsoil 2; clay 48; hardpan boulders 103; brown shale 140; brown limestone 174. Water from 170 to 174.
Con VI " 13	S.Bowman	"	Aug. 15, 1966	4	15	38	37	"	D	Topsoil 5; blue clay 50; sandy clay 87; gravel hardpan 120; sandy shale 155; white limestone 180. Water from 170 to 180.
Con VI " 16	S.Lichty	G.Davidson	Nov. 24, 1965	4	12	37	31	"	D	Clay 23; hardpan stones 70; coarse gravel 82. Water at 82.
Con VI " 16	W.Campbell	"	Mar. 8, 1966	4	12	30	22	"	D	Blue clay 87; fine gravel 88. Water at 88.
Con VI " 16	L.Erb	W.Hopper & Sons	May 3, 1967	4	8	30	25	"	D	Yellow clay 15; dirty gravel 24; blue clay 80; hardpan 130; loose rock 135; brown limestone 190. Water from 180 to 190.
Con VII " 15	Twp.Mornington	F.Straus	Mar. 7, 1966	5	12	42	20	"	P	Topsoil 2; clay 15; sandy clay 18; red clay 81; hardpan 83; gravel 84. Water from 83 to 84.
Con VII " 16	E.Schultz	C.Keeso	May 15, 1967	4	18	36	34	"	S	Topsoil 4; blue clay 50; stones hard clay 100; hardpan gravel 150; stones shale 160; rock 177. Water from 170 to 177.
Con VII " 17	E.Kuepfer	Steinman & Baird	July 6, 1965	5	9	70	22	"	D,S	Brown clay 13; stony hardpan boulders 54; small streak gravel gritty grey clay 76; silty grey clay 84; brown silt 86; grey silty clay 107; hard grey clay 137; sandy gravel fine gravel 140. Water at 54 and from 137 to 140.
Con VII " 18	J.Kipfer	N.Steinman	May 1, 1967	5	15	24	19	Fresh	D,S	Clay 37; sandy clay 46; sand 53. Water from 48 to 53.
Con VII " 18	J.Dunbar	Ledco Drlg. & Exploration Co.	June 14, 1967	4	10	70	65	"	D,S	Clay rocks 154; blue shale 210; brown limestone layers shale 233. Water at 233.

PERTH COUNTY - cont.  
Morningside Twp. - cont.

Con VII	lot 18	J.Dunbar	Ladco Drlg & Exploration Co. G.Davidson	June 14, 1967	4	10	70	65	Fresh	D,S	Clay rocks 154; blue shale 210; brown limestone layers shale 233, Water at 233.
Con VII	" 18	Conservative Mennonite Church	"	Feb. 16, 1965	4	10	65	55	"	P	Clay stones 28; quicksand 72; hardpan stones 114; sand 124; hardpan stones 162; greenish blue soft shale 192; brown soft rock 215. Water at 215.
Con VIII	" 10	R.Jack	"	Dec. 28, 1965	4	10	60	55	"	S	Brown clay 16; blue clay 29; stony hardpan 40; gravelly hardpan stones 122; shale grey brown soft 128; blue soft rock 148; brown hard rock 168; light brown medium hard rock 187. Water at 187.
Con VIII	" 11	H.Albrecht	"	Jan. 26, 1966	4	10	55	50	"	D,S	Brown clay 48; sand gravel 65; stony hardpan 82; hardpan sand gravel 102; hardpan 112; blue soft shale 129; dark brown hard rock 142; light brown soft rock 178. Water at 178.
Con IX	" 16	H.Kuepfer	Steinman & Baird	Sep. 2, 1965	4	15	75	50	"	D,S	Clay 6; sand 29; clay 59; hardpan 118; gritty hardpan brown limestone 139; red clay shale limestone 168; brown limestone 173. Water from 170 to 173.
Con XI	" 12	S.Steckly	McLaughlin Water Wells & Supply Ltd.	July 17, 1964	5	15	58	56	"	D,S	Topsoil 3; blue clay 57; hardpan 85; red clay 110; hardpan 163; gravel 166. Water at 166.
Con XI	" 12	"	Radco Well Digging Ltd.	June 19, 1964	30						
Con XII	" 7	L.Riley	C.Keeso	Mar. 23, 1964	4	10	57	55	Fresh	D	Hard brown clay rocks 30. Dry hole. Topsoil 3; clay gravel brown shale 118; brown limestone 162. Water at 160.
Con XII	" 16	C.Knoblauch	F.Straus	Aug. 4, 1966	5	12	69	59	"	D,S	Drive way 1; clay 76; hardpan 91; clay 156; hardpan 181; clay boulders 218; blue rock 250. Water from 240 to 250.
Con XIII	" 15	G.Knobland	C.Keeso	July 26, 1967	4	15	60	60	"	D	Topsoil 4; blue clay 90; gravelly clay 140; brown shale 152; brown limestone 170; white limestone 176. Water from 170 to 176.
Con XIII	" 16	A.Kraemer	"	May 7, 1964	4	12	61	54	"	D	Topsoil 2; white clay 158; brown shale 168; brown limestone 200; blue limestone 213. Water from 208 to 213.
Con XIV	" 2	C.Dietrick	"	Oct. 6, 1965	4	15	50	48	"	D	Topsoil 5; blue clay 50; sandy clay 116; shale 138; blue limestone 175. Water from 170 to 175.
Con XIV	" 6	R.Thompson	"	Mar. 7, 1967	4	18	49	49	"	D	Topsoil 4; blue clay 90; sandy clay 130; hardpan 145; shale 160; white limestone 179. Water from 170 to 179.
Con XIV	" 18	D.Bowman	"	Mar. 12, 1964	4	18	58	55	"	D	Topsoil 3; clay boulders 104; brown shale 160; brown limestone 234. Water at 234.
North Easthope Twp.											
Con I	lot 18	L.Schottroff	Kerr's Well Drlg.	Aug. 11, 1964	4	15	80	61	Fresh	D,S	Clay 97; sand clay 148; hardpan 232; limestone 246. Water from 240 to 246.
Con I	" 22	A.Kebbel	W.Hopper & Sons	May 27, 1967	4	10	37	32	"	D	Yellow clay stones 20; blue clay stones 130; gravel clay 145; hardpan 183; grey rock 207. Water at 207.
Con I	" 24	H.Trachsel	Steinman & Baird	Aug. 14, 1964	4	10	72	40	"	D,S	Brown clay 20; grey silty clay stones 110; gravelly silty clay 140; pink clay 145; silty gravelly clay 185; sandy gravel 192; brown grey limestone 200. Water from 195 to 200.
Con I	" 33	L.Listman	I.Davis	July 20, 1964	6 1/2	10	5	30	"	D	Gravel stones 84. Water at 83.
Con I	" 36	M.Jones	McLaughlin Water Wells & Supply	May 19, 1965	6 1/2	10	75	45	"	D	Topsoil 2; clay sand 10; clay 35; clay sand 75; hardpan 88; gravel 89. Water at 89.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont.										
North Easthope Twp.-cont.										
Con I lot 36	C. Molyneux	W.Hopper	Apr.21,1967	4	10	66	46	Fresh	D	Yellow clay stones 18;blue grey clay stones 110;hardpan 196; gravel 199;grey rock 250. Water from 240 to 250.
Con I " 37	J.Bruce	I.Davis	June26,1964	6 1/2	3	12	31	"	D	Brown clay 30;sand 40;gravel 51. Water at 52.
Con I " 39	O.Schenk	W.Hopper & Sons	May 21,1964	4	10	55	50	"	P	Topsoil 1;yellow clay 15;blue clay 60;hardpan 175;loose rock 180;brown limestone 210;grey brown limestone 220. Water from 210 to 220.
Con I " 41	J.Sebben	"	Aug.13,1965	4	10	75	63	"	D	Top clay 5;sand 9;clay stones 97;gravel 104;stones hardpan 171 brown limestone 198;light brown limestone 228. Water from 205 to 228.
Con II " 1	H.Niebergall	C.&H. Kerr	Feb. 5,1964	5 1/2	12	53	47	"	D,S	Brown clay 47;sand 63;sandy clay 138; gravel clay 151;grey limestone 177. Water at 177.
Con II " 7	W.Eckstein	McLaughlin Water Well Supply Ltd.	Mar. 5,1965	5	5	95	24	"	D,S	Topsoil 2;clay sand 12;clay 95;quicksand 98;clay hardpan 100; quicksand 105;clay hardpan 100;quicksand 105;clay hardpan 133; hardpan gravel 136;gravel 140. Water at 139.
Con II " 39	F.Baker	W.Hopper & Sons	Nov.23,1964	4	10	57	48	"	D,S	Yellow clay 18;blue clay sand 45;blue clay stones 97;hardpan 133;grey rock 180. Water from 170 to 180.
Con II " 45	H.Mallon	"	Dec. 4,1964	4	10	60	58	"	P	Yellow clay 18;blue clay 47;clay stones 88;hardpan 122;brown limestone 184. Water at 184.
Con III " 11	R.Hoffman	G.Wallis	Jan.14,1964	6 1/2	15	90	42	"	D,S	Light brown sandy soil 32;sandy grey clay 46;fine brown sand 66;gravelly blue clay 108;layer blue clay running sand 144; cemented sand gravel 161;gravelly black clay 172;gravelly blue clay 205;brown limestone 220. Water at 216.
Con III " 32	H.Vangestel	W.Hopper & Sons	Oct.30,1964	4	10	52	47	"	D,S	Blue clay stones 62;sand 75;clay stones 134;hardpan 166;grey rock 225. Water at 225.
Con III " 33	M. Simpson	"	July23,1964	4	10	55	45	"	D,S	Topsoil 1;clay 5;sand 14;yellow clay 29;blue clay stones 115; hardpan 158;grey limestone 208. Water at 208.
Con III " 33	P.Schmidt	"	Dec.17,1964	4	10	64	60	"	D,S	Yellow clay stones 24;sand clay 47;blue clay 85;blue clay stones 145;hardpan 170;brown rock 200. Water from 190 to 200.
Con III " 45	H.Sproule	Hadco Well Digging Ltd.	Aug. 3,1966	30	2	17	6	"	D	Topsoil 6;brown clay 9;blue clay 14;grey sand 16;fine gravel 20. Water at 16.
Con IV " 20	P.Jackson	P.Jackson	June14,1965	4	10	110	100	"	D	Yellow clay stones 18;blue clay stones 85;blue clay sand 195; hardpan 270;grey rock 288. Water from 280 to 288.
Con IV " 24	D.Marguette	N.Steinman	Aug.23,1967	5	Flows	Flows	Flows	"	D	Brown sandy gritty clay 14;grey clay 62;sand gravel 74;gravel 88. Water from 84 to 88.
Con IV " 31	R.Banas	W.Hopper & Sons	June 7,1965	4	10	54	46	"	D	Yellow clay 26;blue clay stones 85;sand 115;hardpan 208;brown limestone 239. Water at 236.
Con IV " 34	M.Cook	R.McPherson Drlg. Ltd.	Sep.19,1967	4	6	70	50	"	D,S	Topsoil 4;yellow clay 35;blue clay 85;gravel stones 130; muddy brown limestone 148;brown limestone 185;grey limestone 225. Water from 215 to 222.
Con IV " 36	E.Dill	W.Hopper & Sons	Oct.16,1965	4	9	75	70	"	D,S	Topsoil 1;yellow clay 12;blue clay 90;hardpan 187;loose rock 190;brown limestone 235. Water from 225 to 235.
Con V " 18	A.Mcmillan	G.Wallis	Nov.25,1964	6 1/2	15	200	96.	"	S	Brown clay stones 18;blue clay 34;fine grey sand 47;brown fine sand 65;blue clay 140;grey sandy silt 160;blue clay 190; gravelly blue clay stones 271;light brown limestone 302. Water at 298.
Con V " 27	C.Wilhelm	W.Hopper & Sons	June14,1967	4	10	60	28	"	D	Yellow clay 18;blue clay stones 29;sandy clay 75;blue clay stones 135;hardpan 181;grey limestone 246. Water at 246.
Con V " 39	H.Vanneurs	Hadco Well Drlg. & Digging Ltd.	Nov. 2,1967	30	5	34	10	"	D,S	Topsoil 3;brown clay 5;blue clay rocks 28;brown marl 32;fine gravel 36;blue clay 38. Water from 25 to 36.

PERTH COUNTY - cont.		cont.															
North Easthope Twp. -																	
Con VI	lot 3	A.Wettlaufer	Kerr's Well Drlg.	Sep. 2, 1966	4	15	52	34	Fresh	D,S	Brown clay 52;hardpan 88;clay boulders 122;greyish blue shale 150. Water from 145 to 150.						
Con VI	" 9	A.Schmidt	Steinman & Baird	Aug.15, 1964	4	15	61	46	"	D,S	Gravel 29;grey clay 54;dirty sand gravel 71;grey clay 121; gritty hardpan 158;grey clay 175;shale layers limestone 184; greyish brown limestone 209;greyish blue limestone 214. Water from 187 to 214.						
Con VI	" 11	H.Schmidt	"	Jan.24, 1964	4	15	64	45	"	D,S	Clay 11;fine sand 21;grey clay 81;fine sand 95;gritty hardpan 164;rock slabs hardpan 207;greyish brown limestone 218. Water at 215 and 218.						
Con VII	" 13	E.Dotzert	Lone Star Well Digging	Dec.12, 1964	30	3	20	10	"	D	Brown clay 10;sand 20;blue clay 25. Water at 10.						
Con VII	" 14	G.Pfaff	G.Wallis	Apr.30, 1964	6½	20	30	25½	"	S	Stony brown clay 5;gravelly blue clay stones 40;fine silt sand 60;soft blue clay sand silt 72;blue clay 172;light brown limestone 210. Water at 200.						
Con VII	" 32	D.McDermid	F.Ince	Dec. 6, 1965	6½	20	125	45	"	D,S	Brown clay 5;sandy clay 50;stony blue clay 175;gravel 208;limestone 239. Water at 230.						
Con VIII	" 10	M.Koch	G.Wallis	Sep.21, 1964	6½	15	105	65	"	S	Gravelly brown sand clay 26;blue clay sand gravel 52;blue clay 126;cemented clay sand gravel 185;brown limestone 261. Water at 200,230 and 261.						
Con VIII	" 13	I.Stueck	W.Baird	May 20, 1967	5	10	85	10	"	D,S	Brown clay 22;fine sand 26;sandy grey clay 86;fine sand gravel 92;grey gritty clay 145;brown limestone 188;grey limestone 190. Water at 188.						
Con VIII	" 24	B.Chalmers	R.McLaughlin	June 26, 1964	5	15	108	95	"	D,S	Topsoil 2;clay 2;hardpan 156;clay 197;loose hardpan 225;clay 236;hardpan 244;gravel 246. Water at 244.						
Con VIII	" 26	W.Cooke	G.Wallis	Nov. 9, 1964	6½	15	125	92	"	S	Brown sand 30;sandy blue clay 74;grey silt sand 94;sandy blue clay 125;fine grey sand 146;sand gravelly blue clay 248;sand fine gravel 252. Water at 248.						
Con VIII	" 30	A.Horne	F.Ince	July 31, 1964	6½	20	55	45	"	D,S	Brown clay 6;sand 35;hardpan 200;limestone 232. Water at 230.						
Con IX	" 12	L.Mohr	G.Davidson	Mar.26, 1964	4	10	40	30	"	D,S	Sand gravel stones 34;soft blue clay 74;sand 122;quicksand 172;gravel hardpan 188;blue soft shale 202;hard grey blue rock 237. Water at 237.						
Con IX	" 21	R.Wilhelm	Hadco Well Digging Ltd.	Sep.13, 1966	5	10	100	50	"	S	Brown clay sand 30;blue clay 95;blue clay rocks 120;sand 125; blue clay 153;cemented gravel 175;blue clay rocks 218;limestone 228. Water at 226.						
Con IX	" 23	D.McMillan	R.McLaughlin	Mar. 3, 1964	5	15	10	93	"	D,S	Dug well 21;clay 68;hardpan 76;clay 123;clay hardpan 191;hardpan 218;boulders 258;grey rock 304. Water at 296.						
Con IX	" 24	B.McTavish	"	June 6, 1964	5	15	106	103	"	D,S	Topsoil 2;clay big stones 21;sand 55;clay 70;hardpan 127;clay 241;hardpan boulder 285;grey rock 315. Water at 310.						
Con IX	" 26	R.Forrest	G.Wallis	Nov. 5, 1965	5	15	90	54	"	D,S	Brown sandy clay 30;brown sand 35;sandy blue clay 72;gravelly blue clay 104;cemented sand gravel 122;blue clay grey sand streaks 145;cemented gravel sand boulders 168;blue clay layers sand gravel 200;gravelly red clay 214;sand fine gravel 220; black limestone 232. Water at 214 and 228.						
Con IX	" 30	E.Rose	G.Wallis	Apr.17, 1964	6½	15	175	40	"	S	Light brown gravelly clay stones 14;gravelly blue clay stones 35;sandy blue clay 68;sand gravelly blue clay 131;fine running grey sand 138;gravelly blue clay 172;cemented gravel broken rock 184;brown limestone 220. Water at 210.						

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
PERTH COUNTY - cont. N.Easthorne Twp. - cont.											
Con IX lot 31	A.Satchell	G.Wallis	Jan. 8,1966	6½	30	40	25½	Fresh	D,S	Gravelly brown clay 14;sandy grey clay 40;sandy gravelly blue clay 136;running grey sand silt 141;sand gravelly blue clay 161;brown limestone 190. Water at 185.	
Con IX " 31	"	Hadco Well Digging Ltd.	Mar.16,1967	30	3	28	12	"	D,S	Topsoil 1;sand gravel 8;brown clay 10;gravel 12;blue clay 30. Water at 8 and 12.	
Con IX " 31	"	"	Sep.11,1967	30	4	25	5	"	D,S	Topsoil 1;sandy brown clay 5;gravel 12;grey clay stones 25. Water at 5.	
Con IX " 37	E.Koziki	"	July19,1966	30	10	30	8	"	D	Topsoil 1;brown sandy clay 9;brown sand 22;blue sandy clay 35;gravel. Water at 16 and 35.	
Con X " 32	H.Schmidt	W.Hopper & Sons	Nov.20,1965	4	10	37	35	"	D,S	Topsoil 1;yellow clay 10;blue clay 18;sand 22;blue clay 90;hardpan 163;loose rock 166;brown limestone 197. Water from 180 to 197.	
Con XI " 31	P.Schneider	C&H. Kerr	Sep.17,1964	4½	15	32	22	"	D	Blue clay 40;soft blue clay 45;blue clay 115;stony blue clay 175;grey limestone 194. Water at 190.	
Con XII " 23	R.Schmidt	F.Ince	June 6,1964	6½	20	70	55	"	D,S	Brown clay 6;stony clay 100;stony clay gravel 186;limestone 230. Water at 220.	
St.Mary's,Town	St.Mary's Cement Co.Ltd.	International Water Supply Ltd.	Feb.10,1965						T	Limestone 92.	
			Mar.17,1965						1-65 T	Limestone 152.	
	"	"	May 7,1965						2-65 T	Limestone 113.	
	"	"	June 3,1965	18	68	67	23		3-65 T	Gravel sand boulders 5;limestone 10;hard limestone 20;firm limestone 55;firm brown limestone 81;soft brown white limestone 97;hard limestone 102;soft limestone 105;firm brown limestone softer light coloured streaks 135. Water from 81 to 135.	
	"	"	Nov.15,1966					Flows	Fresh	T	Limestone 75. Water from 6 to 75.
	"	"	Dec.1, 1967					"	"	1-66 T	Limestone 69. Water from 6 to 69.
	"	"	Nov.11,1967					"	"	3-66 T	Limestone 75. Water from 6 to 75.
	J.Jourdarn	W.Hopper & Sons	Dec.19,1966	5	10	35	31	"	C	2-66 C	Clay stones 10;grey limestone 75. Water at 75.
	A.Dickson	M.Jones	Dec.16,1967	5	12	35	24	"	D	D	Topsoil 4;brown rock 16;light grey rock 44;brown limestone 75. Water from 74 to 75.

PERTH COUNTY - cont.  
South Easthope Twp.  
Con I

lot 19	R. Green	G. J. Wallis	Aug.24,1964	6½	21	48	44	Fresh	D,S	Sand gravelly brown clay 24;fine brown sand 43;medium brown sand 64;silt sand 142;sand blue clay 186;cemented sand gravel 194;gravelly blue clay 224;brown limestone 260. Water at 250 and 258.
lot 21	T.Cardwell	I.Davis	Sep.29,1964	6½	4	60	35	Fresh	N	Brown hardpan 50;cement gravel stones 222;limestone 267. Water at 266.
" 21	"	C.&H. Kerr	Nov.14,1964	5½	15	85	60	"	D	Blue clay 80;soft blue clay 90;hard blue clay 170;stony blue clay 220;grey limestone 297. Water from 290 to 296.
" 21	M.Schmidt	N.Steinman	Aug. 1,1966	4	12	28	20	"	D	Hardpan 6;grey brown clay 39;sandy clay 94;gritty sandy clay 109;gritty hardpan 124;brown clay 191;gritty hardpan 197;grey brown limestone 203. Water at 201 and 203.
" 21	E.Dornbusch	W.Hopper & Sons	Aug.23,1966	4	10	15	12	"	D	Yellow clay 12;blue clay 50;hardpan 135;sandy clay 160;hardpan 184;loose rock 189;hard grey limestone 200. Water from 190 to 200.
" 28	S.Herlick	"	May 12,1964	4	8	55	50	"	D,S	Topsoil fill 3;sticky yellow clay 18;sandy clay 22;blue clay 60;hardpan stones 205;cemented gravel 214;brown limestone chert 230. Water from 220 to 230.
" 24	E.Gauler	N.Steinman	Sep.15,1966	4	15	51	46	"	D,S	Brown clay 21;grey clay 139;sandy clay 147;grey clay 156;hardpan 175;dirty sandy gravel 186;gritty hardpan 193;grey limestone 197. Water from 195 to 197.
" 29	F.Schlottzaver	G.Wallis	Mar.16,1964	6½	20	61	37	"	D,S	Light brown sandy clay 21;grey sandy silt 30;sandy grey clay 37;blue clay 124;blue clay heavy packed sand gravel 145;gravelly blue clay 174;fine running grey sand 181;gravelly blue clay small stones 196;light brown rock 226½. Water at 221.
" 37	W.Wolf	W.Hopper & Sons	May 13,1967	4	10	50	42	"	D	Yellow clay 24;sandy clay 70;clay stones 120;hardpan 190;grey limestone 238. Water at 238.
" 38	C.Cook	Kerr's Well Drlg.	Oct.20,1964	5	12	70	35	"	D	Brown clay 35;boulders clay 79;coarse sand 86. Water from 82 to 86.
" 38	A.Monroe	"	Nov.21,1964	5	15	50	18	"	D	Brown clay 18;soft clay 26;hardpan 76;sand 81. Water from 77 to 81.
" 38	W.Mulder	W.Hopper & Sons	July 6,1965	4	9	52	50	"	D	Topsoil 1;yellow clay 12;sand 98;stony hardpan 120;brown clay 138;hardpan 187;loose rock 191;hard grey limestone 235. Water from 230 to 235.
" 39	J.Vanstone	Kerr's Well Drlg.	Nov.12,1964	5	15	80	30	"	D	Brown clay 47;hardpan 81;coarse sand 88. Water from 84 to 88.
" 40	H.Gartner	Hadco Well Digging	Feb.12,1964	30			9	"	D	Clay 8;gravel clay 10;blue sandy clay 14;hardpan 18. Water at 8.
" 40	H.Garter	I.Davis	June23,1964	6½	3	60	40	"	D	Brown clay 20;cement gravel stones 168;limestone 205. Water at 203.
" 40	F.Byers	Kerr's Well Drlg.	Jan.20,1967	4½	2	160	76	"	D	Boulders blue clay 118;stones blue clay 150;till 181;limestone 203. Water at 201.
" 40	Bluebird Motors	"	Jan.25,1967	5	15	80	75	"	C	Brown clay stones 150;till 180;limestone 188. Water from 180 to 188.
" 40	Saveway Building Supplies	Hopper Well Drlg.	Oct. 2,1967	4	12	65	63	"	C	Top clay 7;clay stones 46;blue clay 90;hardpan 165;brown limestone 197;grey limestone 219. Water from 197 to 219.
" 41	D.Leinweber	"	Mar.24,1964	4	10	57	54	"	D,S	Topsoil gravel 1;sandy clay 15;blue clay 65;hardpan 166;layers rock clay 172;brown grey limestone 195. Water from 185 to 195.
" 41	L.Palasty	Lone Star Well Digging	Nov. 7,1966	30	5	15	10	"	D	Blue clay 10;coarse gravel 20. Water at 10.
" 41	M.Hammer	M.Hammer	Dec.16,1964	6	6	60	45	"	D	Dug well 60;stony blue clay 87;gravel 93. Water at 97.

\* See end of Appendix C for the meanings of abbreviations and symbols.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
PERTHE COUNTY - cont.											
South Easthope Twp.-cont.											
Con II	lot 15	W.Marrz	G.Wallis	Jan.23,1964	6 1/2	15	68	22	Fresh	D,S	Brown clay 28;brown silt sand 36;grey sandy silt 58;blue clay sand gravel 120;blue clay layers cemented sand gravel 168; brown limestone 187. Water at 185.
Con II	" 32	H.Dunnell	W.Hopper & Sons	Oct.12,1964	4	10	65	55	"	D,S	Blue clay 36;blue clay stones 44;sand 52;sandy clay 86;clay stones 165;hardpan 210;grey rock 234. Water at 230.
Con II	" 32	H.Faulhafer	Kerr's Well Drlg	Oct 16,1964	4	15	75	50	"	D,S	Brown clay 48;stony clay 120;brown clay 165;hardpan 196; limestone 224. Water from 220 to 224.
Con II	" 41	E.Cressman	Hopper Well Drlg	Aug.22,1967	4	13	41	39	"	D,S	Top clay stones 7;blue clay 45;gravel 58;hardpan stones 168; dark brown limestone 195;light grey limestone 213. Water from 195 to 213.
Con III	" 20	R.Poley	McLaughlin Water Wells & Supply	Feb.12,1965	6 1/2	15	55	30	"	D	Dug well 30;quicksand 64;hardpan 70;gravel 71. Water at 71.
Con III	" 29	C.Krantz	W.Hopper & Sons	Oct.23,1964	4	10	48	45	"	D,S	Yellow clay stones 24;blue clay 54;gravel sand 72;blue clay stones 135;hardpan 185;brown limestone 214. Water at 214.
Con III	" 31	H.Sebben	"	Dec.31,1964	4	10	70	64	"	D,S	Yellow clay 35;sand blue clay 85;stones blue clay 175;hardpan 210;grey rock 240. Water from 230 to 240.
Con III	" 35	A.Burgers	"	Aug.15,1967	4	12	38	36	"	D,S	Top clay 6;clay stones 17;gravel 24;hardpan 67;blue clay 125; hardpan stones 191;brown limestone 223. Water from 212 to 223.
Con III	" 38	G.Huras	"	July29,1964	4	10	48	45	"	D	Fill 2;yellow clay 15;blue clay 60;hardpan 172;loose rock 177;brown limestone 195. Water from 190 to 195.
Con III	" 41	R.Lowe	"	Feb.18,1964	4	10	32	30	"	D	Topsoil 1;yellow clay 10;sandy clay 30;blue clay 65;hardpan 169; loose rock 173;brown limestone 210. Water from 200 to 210.
Con III	" 41	J.Lowe	"	Feb.28,1964	4	10	40	36	"	D,S	Topsoil fill 2;yellow clay 15;sandy clay 21;blue clay 60; hardpan 171;loose rock 175;brown limestone chert 210. Water from 200 to 210.
Con III	" 42	H.Lowe	"	May 28,1964	4	10	42	40	"	D	Topsoil fill 2;sandy yellow clay 14;blue clay 80;hardpan 169; cherty limestone 200. Water at 195.
Con III	" 42	N.Dienes	"	Aug.30,1967	4	10	47	45	"	D	Top clay 7;clay stones 28;hardpan stones 140;cemented gravel 160;light brown limestone 213. Water from 190 to 213.
Con III	" 43	A.Gras	"	Feb. 8,1964	4	10	50	45	"	D,S	Yellow clay 18;blue clay 60;hardpan 160;cemented gravel 170; brown limestone 210. Water at 210.
Con III	" 44	J.Kaltfleisch	"	Sep.22,1965	4	10	70	67	"	D,S	Clay stones 34;sandy clay 76;clay stones 142;hardpan 164; brown rock 220. Water from 200 to 220.
Con III	" 46	J.Pola	N.&J. Hopper	June11,1964	4	10	64	60	"	P	Fill 3;yellow clay 12;hardpan 30;coarse gravel 35;hardpan 139; rock 145;brown limestone 180;grey limestone 195. Water from 180 to 195.
Con III	" 46	R.Meadows	Steinman & Baird	Aug.29,1964	5	20	62	58	"	D	Brown silty clay 23;gritty hardpan 68;grey clay 109;grey stony clay 133;shale 141;grey limestone 153. Water at 152.
Con IV	" 20	J.Dietrich	G.Wallis	Oct.17,1966	6 1/2	20	65	30	"	D,S	Sandy brown clay 45;grey sandy silt 60;gravelly blue clay 140; sandy blue clay 195;brown limestone 221. Water at 218.
Con IV	" 43	A.McLeod	W.Hopper & Sons	Sep.20,1966	4	8	55	51	"	D	Yellow clay 10;blue clay sand 110;streaks hardpan 179;brown limestone 183;brown limestone chert 203. Water from 190 to 203.
Con V	" 20	L.Schmidt	N.Steinman	Apr.12,1967	4	15	49	27	"	D	Clay 4;sand clay 39;sand 45;clay 121;sandy gritty clay 131; brown clay 154;layers limestone clay 158;grey limestone 169. Water from 166 to 169.

PERTH COUNTY - cont.  
South Easthope Twp.-cont.

Con V	lot 25	M.Wagler	C.&H. Kerr	Mar.21,1964	4 $\frac{1}{2}$	12	85	65	Fresh	D,S	Blue clay 52;stony clay 195;blue clay 215;grey limestone 225. Water at 223.
Con V	" 27	D.Gerber	Hadco Well Digging	Feb.14,1964	30	2	18	11	"	D	Topsoil 1;brown clay 16;brown sand 17;blue sand gravel 18. Water at 17.
Con V	" 28	R. Trachel	"	Nov.11,1965	5 $\frac{1}{2}$	65	120	50	"	D,S	Clay boulders 40;gravel 49;sand gravel 98;sand 103;clay rocks 120;shale 197;brown bedrock 210;white rock 225. Water from 210 to 225.
Con VI	" 33	C.Krug	W.Hopper & Sons	Mar.16,1964	4	10	55	50	"	D,S	Topsoil yellow clay 15 ;sandy clay pebbles 25;hardpan 183; cemented gravel 194;loose rock 197;layers brown grey limestone 238;chert. Water from 230 to 238.
Con VI	" 33	R.Berg	"	Oct.19,1965	4	10	105	63	"	D,S	Yellow clay 18;blue clay 69;clay stones 170;hardpan 201;grey rock 280. Water from 250 to 280.
Con VI	" 35	W.Dunsore	Steinman & Baird	Feb.27,1964	5	15	75	63	"	D,S	Sandy grey clay 56;grey clay 65;s ndy clay 139;gritty hardpan 155;sand 160;sandy clay 171;hardpan 189;sand 191;gravelly hardpan broken limestone 207;grey brown limestone 213. Water from 211 to 213.
Con VI	" 36	S.Ropp	"	Feb.13,1964	5	15	75	57	"	D,S	Hardpan 84;clay 97;sand 113;clay 122;hardpan 198;grey brown limestone 207. Water from 205 to 207.
Con VI	" 37	L.Fuhr	W.Burwell	Jan.22,1964	5	10	55	50	"	D,S	Clay 100;gravel 120;clay 170;gravel 187;rock 190. Water at 190.
Con VII	" 39	G. Schneider	W.Hopper & Sons	Oct.26,1965	4	10	63	58	"	D,S	Yellow clay 26;blue clay 87;blue clay stones 145;hardpan 171; grey rock 199. Water from 185 to 199.
Con VII	" 36	C.Fuhr	W.Burwell	Feb. 5,1964	5	7	55	50	"	D,S	Clay 90;gravel 120;clay 200;rook 205. Water at 205.
Con VIII	" 40	E.Schneider	Steinman & Baird	July23,1964	5	15	82	70	"	D,S	Brown clay 15;sandy clay hardpan 42;grey clay 49;hardpan 56; gritty clay 71;hardpan 82;grey clay 129;hardpan 165;layers broken rock shale 234. Water at 232.
Stratford, City											
		W.Burgess	W.Hopper & Sons	June17,1966	4	10	50	50	Fresh	D	Yellow clay 10;sandy clay 25;blue clay 60;herdpan 145;loose rock 150;hard brown limestone chert 210. Water from 200 to 210.
		B.Hastings	"	Nov.18,1966	4	10	85	42	"	D	Yellow clay stones 19;blue clay stones 95;hardpan 117. Water from 165 to 180.
		G.Peters	Hadco Well Digging & Drlg.	May 29,1967	24	3	38	25	"	D	Topsoil 1;brown clay 9;grey clay 21;grey sand 28;blue clay 37; gravel 40. Water at 40.
Wallace Twp.											
Con I	lot 3	M.McWhinney	C.Keeso	Dec.15,1965	4	15	64	25	Fresh	D,S	Topsoil 3;clay 86;brown shale 129;brown limestone 205. Water at 205.
Con I	" 9	G.Hensworth	"	Jan.13,1967	4	16	50	48	"	D	Dug well 25;gravel clay 50;sandy hardpan 90;brown clay 108; brown shale 117;brown limestone 170. Water from 160 to 170.
Con I	" 12	W.Woods	"	Nov. 2,1966	4	12	60	45	"	D,S	Topsoil 4;blue clay 65;sandy clay 80;hardpan 92;shale 108; brown limestone 152. Water from 140 to 152.
Con I	" 63	J.Kerr	"	May 13,1965	4	15	28 $\frac{1}{2}$	28	"	D,S	Topsoil 3;brown clay 51;brown shale 75;brown limestone 151. Water from 130 to 151.
Con I	" 65	"	"	Nov.25,1965	4	15	22	20	"	D,S	Topsoil 3;blue clay 30;brown sandy clay 50;sandy hardpan shale 90;brown limestone 158. Water from 150 to 158.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Wallace Twp. - cont.										
Con II lot 23	E. Miller	C. Keeso	Sep. 5, 1964	4	14	32	28	Fresh	D	Topsoil 4; sandy clay 36; hardpan 65; sand 78; shale 110; white limestone 146. Water from 132 to 146.
Con II " 24	Listowel Car Wash	"	Sep. 16, 1965	4	15	33	32	"	In	Topsoil 6; clay 60; sandy clay 88; hardpan 124; shale 132; white limestone 190. Water from 180 to 190.
Con III " 21	M. Willis	"	May 6, 1965	4	15	33	33	"	D, S	Brown clay 78; brown shale 124; brown limestone 168. Water at 168.
Con III " 49	B. Ash	"	Oct. 19, 1965	4	14	29	28	"	D, S	Dug well 18; clay 70; shale 86; brown limestone 138. Water from 130 to 138.
Con IV " 24	Wallace Twp. Hall	"	Jan. 14, 1964	4	14	22	21	"	P	Topsoil 4; clay 48; sandy clay 70; shale 93; white limestone 130. Water from 125 to 130.
Con IV " 24	J. Ducklow	"	Mar. 3, 1965	4	15	15	14	"	D	Topsoil 2; brown sandy clay 9; hardpan boulders 52; brown shale 84; brown limestone 127. Water from 120 to 127.
Con IV " 24	H. Cosens	"	Nov. 3, 1965	4	15	12	10	"	D	Topsoil 4; clay 38; hardpan 60; sandy clay 81; shale 91; brown limestone 122. Water from 115 to 122.
Con IV " 24	A. & E. West	"	June 2, 1966	4	15	10	9	"	D	Topsoil 4; sandy clay 22; blue clay 60; hardpan 78; shale 87; brown limestone 124. Water from 118 to 124.
Con IV " 25	W. Boyd	"	Nov. 2, 1964	4	14	36	35	"	C	Topsoil 4; gravelly clay 35; clay 80; sandy hardpan 96; shale 118; white limestone 168. Water from 148 to 168.
Con IV " 25	R. Ludwig	"	July 15, 1965	4	14	35	32	"	D	Topsoil 4; hardpan 35; clay 78; sandy clay 110; shale 128; white limestone 190. Water from 185 to 190.
Con IV " 25	R. Dippel	"	May 28, 1966	4	14	29	27	"	D	Topsoil 3; blue clay 18; sandy clay 30; blue clay 62; hardpan 89; shale 107; blue limestone 150. Water from 140 to 150.
Con V " 24	Wallace Public School Area	"	Apr. 8, 1965	5	50	35	33	"	P	Sandy clay 18; clay boulders 65; brown shale 104; brown limestone 204. Water from 175 to 204.
Con VI " 25	M. Klein	"	Dec. 9, 1966	4	20	26 1/2	26	"	D, S	Dug well 56; clay 80; gravel clay 95; shale 108; white limestone 156. Water from 108 to 156.
Con VII " 22	E. Yungblut	"	Jan. 26, 1967	4	16	22	21	"	D, S	Clatern 6; soft sandy clay 40; hardpan 62; blue clay 84; soft brown shale 125; white limestone 160. Water from 150 to 160.
Con VII " 24	S. McCutcheon & C. Burrow	E. Keeso	June 10, 1964	7	42	36	17	"	P	Soft brown clay 40; hardpan 54; hard brown shale 66; hard brown limestone 110; hard white limestone 148; hard yellow limestone 188. Water from 180 to 188.
Con VIII " 12	J. Henderson	Durham Drlg. Enterprises Ltd.	July 15, 1964	4	25	8	Flows	"	D	Clay boulders 23; sand gravel 27. Water from 25 to 27.
Con VIII " 31	H. Hayden	G. Davidson	Nov. 3, 1966	4	10	30	20	"	D, S	Topsoil 1; gravel 19; clay sand streaks 46; hardpan 65; shale 69; limestone grey brown very hard 127. Water at 127.
Con IX " 16	F. Fleet	Durham Drlg. & Enterprises Ltd.	Oct. 8, 1965	4	20	20	10	"	D, S	Topsoil 3; stony hardpan 49; hard brown rock 84. Water from 75 to 84.
Con IX " 17	C. Carley	"	Oct. 2, 1965	4	15	18	12	"	D, S	Open hole 12; hard brown clay 34; hard brown rock 68. Water from 62 to 68.
Con XIII " 8	N. Graham	Water Well Drlg.	Sep. 3, 1965	4	10	20	18	"	D, S	Dug well 13; gravel 20; clay gravel 39; boulders 41; gravel 76; brown limestone 100. Water at 99.

WATERLOO COUNTY  
Ayr, Village

H.Petter	C.Shantz	Jan.18,1964	7	10	31	28	Fresh	D	Dug well 36;sandy clay 60;clay 94;sand clay 120;sand gravel 140. Water from 120 to 140.
F.Harrison	Durham Drlg. & Enterpriese	Mar. 4,1964	4	12	70	60	"	D	Open hole 38;hard grey clay 100;soft grey clay 135;quicksand 150;grey clay 170;soft grey silt 220;stony grey clay 230; grey gravel 232. Water at 232.
N.Gillespie	"	Mar.12,1964	4	12	70	63	"	D	Open hole 42;sand 60;sandy clay 100;grey clay 140;quicksand 160;hard grey clay 200;grey silt 220;hard brown clay 234; grey gravel 236. Water at 235.
C.Edgar	Durham Drlg. & Enterprises	Apr.16,1964	4	20	30	25	"	D	Open hole 30;yellow sand 60;grey sand 100;sandy clay 120;grey sand 130;fine gravel 138. Water from 135 to 138.
E.Herman	C.Shantz	Apr.23,1964	5	8	46	42	"	D	Dug well 43;fine sand 115;sand gravel 157. Water from 115 to 157.
C.Nichols	"	Mar.14,1964	5	15	13	8	"	D	Topsoil 1;gravel 10;clay gravel 46;sand 48;clay gravel 52; sand gravel 55. Water from 52 to 55.
C.Burrows	H.Eddyvean	Sep.16,1964	7	8	85	40	"	D	Dug well 10;cement gravel 70;quicksand 130;fine sand clay 178;fine gravel 178. Water at 178.
W.Scott	"	Dec. 7,1964	7	20	32	21	"	D	Topsoil 1;sandy clay 12;sand gravel boulders 26;clay gravel boulders 52;silty sand 84;clay gravel 100;silty sand 150; coarse fine sand 178. Water from 150 to 178.
S.Shantz	"	Dec.14,1964	5	8	25	10	"	D	Gravel boulders 30;sand gravel 42. Water at 39.
G.Cassidy	C.Shantz	July22,1965	5	20	22	18	"	D	Cemented gravel 35;sand gravel 44. Water from 35 to 44.
J.Perry	Lone Star Well Digging	July30,1965	30	10	40	30	"	D	Gravel 25;sand 40;dark clay 48. Water at 30.
G.Wyke	"	Aug. 8,1965	30	10	40	30	"	D	Gravel 25;sand 40;derk clay 50. Water at 30.
B.Tunn	H.Eddyvean	Nov.27,1965	6 1/2	10	24	18	"	D	Dry well 18;clay gravel 38;sand 40;hardpan 64;sand 65. Water at 65.
J.Armstrong	C.Shantz	Dec.24,1965	5	30	11	8	"	D	Dry sand 12;silty sandy clay 63;gravel clay 74;silty sandy clay 163;gravel sand 168. Water from 163 to 168.
C.Snell	H.Eddyvean	Jan. 3,1966	5	4	39	21	"	D	Dug well 30;clay gravel 50;fine sand gravel 70. Water at 68.
J.Campbell	"	Feb.10,1966	5	4	30	18	"	D	Dug well 30;hardpan 48;sand gravel 50. Water from 48 to 50.
C.Kidman	"	June23,1966	5	5	90	21	"	D	Dug well 24;sandy clay 80;fine sand 140;sand 143. Water from 140 to 143.
H.Ghent	"	July 5,1966	5	9	75	65	"	D,S	Dug well 63;hardpan 103;sand 106. Water from 103 to 106.
E.McDonald	Lone Star Well Digging	Sep.28,1966	30	20	25	25	"	D	Gravel 34. Water at 25.
Ayr Curling Club	H.Eddyvean	Sep.26,1966	6 1/2	15	50	30	"	P	Topsoil 1;gravel 25;sand clay 65;fine sand 78. Water at 72.
W.Gillespie	"	Sep.28,1966	6 1/2	15	30	20	"	D	Topsoil 1;sand clay 20;fine sand clay 41;sand gravel 52. Water at 41.
F.Holman	"	Mar.22,1967	5	10	30	14	"	D	Dug well 25;hardpan 45;fine sand sand 48. Water from 45 to 48.
Corporation of Ayr	"	Feb. 9,1967	5	10	26	16	"	P	Well pit 5;sand clay 25;hardpan 60;clay 63 1/2;sand 64. Water from 63 1/2 to 64.
I.Watson	"	May 18,1967	30	5	20	10	"	D	Topsoil 1;coarse gravel 34;sand 35.
S.Gemmell	Lone Star Well Digging	July31,1964	30	3	42	32	"	D	Coarse gravel 26;fine silt 36;gravel 45. Water at 26.
J.Dedman	H.Eddyvean	Aug.14,1967	5	3	45	30	"	D	Topsoil 1;sand gravel clay 30;sand clay 50. Water from 45 to 50.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Ayr. Vlg. - cont.	S.Vizcaya	G.Wallis	Aug.24,1967	6½	2	175	35	Fresh	D	Dug well 43;sandy gravelly grey clay 74;sandy blue clay 88; silt sand 112;clay silt 155;gravelly blue clay 189;sand fine gravel 190. Water at 189.
	S.Johansen	H.Eddyveen	Sep. 1,1967	5	10	41	22	"	D	Boulders coarse gravel 23;fine sand clay 50;sand 54. Water from 50 to 54.
	K.Boettcher	F.Ince	Sep.21,1967	6½	15	40	15	"	D	Bough gravel 20;hard clay 40;blue clay 64;quicksand 98. Water at 64.
	I.Henderson	H.Eddyveen	Sep.23,1967	6½	10	14	12	"	D	Topsoil 1;gravel sand 10;gravel clay sand 24;hardpan 35;coarse gravel 36. Water from 35 to 36.
	G.Clarke	"	Oct.11,1967	6½	3½	40	12	"	D	Topsoil 1;gravel sand 10;gravel sand clay 30;hardpan 38;sand clay 42½;sand 43½. Water from 42½ to 43½.
	K.Buettcher	"	Oct.17,1967	6½	3	38	9	"	D	Topsoil 1;sand gravel 12;boulders clay gravel 30;hardpan 38; sand clay 41½;sand 42. Water from 41½ to 42.
	C.Knectel	"	Oct.24,1967	6½	3	38	13	"	D	Topsoil 1;sand gravel boulders 20;boulders gravel clay 33; hardpan 40;fine sand 42. Water from 41 to 42.
	J.Sheirk	"	Oct.31,1967	5	10	38	19	"	D	Topsoil 1;boulders coarse gravel 24;sandy clay 48;sand 52. Water from 48 to 52.
	Premier Spring Ltd.	"	Nov.15,1967	6½	10	12	8	"	P	Topsoil 1;sand gravel 12;clay gravel 25;sand 34;sand coarse gravel 38. Water from 34 to 38.
Bridgeport, Village	C.Luecke	McLaughlin Water Wells & Supply Ltd.	Nov.28,1967	7	5	38	20	"	D	Gravel boulders 13;clay 43;hardpan 47;gravel 48. Water from 47 to 48.
	Grand River Golf &Country Club	W.Packham	May 18,1964	6½	20	70	65	Fresh	P	Clay fill 70;clay 115;sandy clay 120;sand 125;gravel 130. Water at 130.
	Kitchener Water Comm.	International Water Supply Ltd.	Mar. 1,1966	2			Flows	Iron		Fill 1;dirty sand 8;gravel sand boulder 15;brown clay hard gravel 16;grey clay sandy hard clay 37;cemented sand gravel 38;fine sand silt clay 42;grey clay sand gravel streaks 47; sandy grey clay gravel streaks hard packed 52;sandy grey clay fine gravel 64;gravelly sand boulders clay streaked 84;bedrock boulders. Water at 64.
	"	"	Jan.14,1966	2	50	12	0	Fresh	T 1-66	Dirty gravel boulders sand 18;sandy grey clay gravel 24;grey clay sandy hard 50;fine sand clay streaked 67;gravel sand boulders clay 92;bedrock 93. Water at 50.
	"	"	Jan.17,1966	2	2		8	"	T 2-66	Fill 3;brown sand clay 14;sand gravel 19;grey clay sandy hard 26. Water at 14.
	"	"	Jan.31,1966	2	20	73	63	"	T 3-66	Brown sand clay 6;grey clay silt gravel streak 15;grey hard clay 49;grey soft clay 62;gravel sand boulders clay streaks 86;sandy grey clay gravel streaks 137;gravel sand boulders clay 158;gravel sand boulders hard packed clay 164;sand gravel boulders looser 171;very hard bedrock. Water at 137.

WATERLOO COUNTY - cont.  
Elmira, Town

Elmira P.U.C.	International Water Supply Co.	Nov.10,1965							T	Topsoil 1;clay gravel sand 4;gravel coarse sand 13;soft clay 23;coarse broken gravel sand boulders clay 27;boulders gravel sand 46;gravel sand clay 49;clay 51;cemented gravel hardpan 53;cemented clay gravel 68;soft clay odd bit gravel 83;gravel clay 86;sand gravel odd bit clay 94;cemented clay odd bit gravel 99;rock 103.
"	"	Nov.18,1965	2	10	32	31	Fresh	T	2-65	Topsoil 1;clay 2;coarse gravel sand boulders odd bit clay 31;packed gravel odd bit clay 55;cemented clay gravel 64;coarse gravel sand clay 69;packed gravel sand clay cemented streaks 77;cemented clay gravel 95;cemented clay gravel 98;rock. Water at 31.
"	"	Nov.24,1965	2	33	12	8	"	T	3-65	Topsoil 1;clay gravel 8;gravel clay odd boulder 29;cemented gravel clay 33;gravel clay 67;cemented gravel clay 69;cemented clay gravel 83;limestone clay gravel 86;limestone 88. Water at 33.
"	"	Dec. 1,1965	2	33	10	8	"	T	4-65	Topsoil 2;clay 4;gravel clay 28;clay gravel 36;gravel sand clay 68;clay gravel cemented 75. Water at 36.
"	"	Dec.10,1965	2	25	13	8	"	T	5-65	Brown clay gravel 11;grey clay gravel streaks 22;sandy grey clay gravel streaks 32;gravel sand boulders clay streaks 56;sandy red clay gravel 65;cemented sand gravel 66;sandy red clay gravel 74;red sticky clay 84;gravel sand clay streaks 94;grey clay 97;grey clay gravel streaks 101;blue shale 103. Water at 32.
"	"	Dec.17,1965	2			8		T	6-65	Brown clay gravel 12;grey clay gravel streaks 40;sand gravel boulders streaked clay 47;brown clay small gravel streaks 75;limestone 80. Water at 40.
Galt, City										
J.Cowan	W.Packham	Aug.17,1964	6 1/2	15	80	65	Fresh	D,S		Dug well 35;sandy loam 90;stone gravel 100. Water at 100.
E.Johnston	A.Early	Oct.13,1964	4	4	50	41	"	D		Sand 94;gravel 95. Water at 95.
A.Goymour	G.Davidson	July 17,1965	4	10	15	9	"	D		Clay boulders 15;sand gravel 28;marl 40;clay 45;sand 46;hardpan 58;red clay 65;sand 82;fine gravel 88. Water at 88.
Our Lady of Fatima	C.Shantz	Aug.14,1966	7	12	100	24	"	P		Brown clay boulders 23;silty gravel 32;gravel 53;cemented gravel 63;grey limestone 101. Water at 96.
P.Henry	F.Ince	Aug.29,1966	6 1/2	10	55	40	"	D		Brown clay 3;brown stony clay 81;gravel 82. Water at 82.
Hespeler, Town										
Hallmac Ltd.	Graham Well Drlg.	Nov. 3,1966	4 1/2	15	43	17	Fresh	In		Old drilled well 54;brown rock 73. Water at 69.
Central Foundry	C.Hill	Sep. 4,1965	4	5	30	2	"	In		Bush dirt 5;grey limestone 60. Water at 60.
Custom Aluminium Foundry	"	Aug.31,1965	4	8	30	3	"	In		Bush muck 5;grey limestone 40. Water at 40.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Hespeler, Town - cont.	Town of Hespeler	International Water Supply Ltd.	Mar.16,1965	12	100	146	78	Fresh	P	Topsoil 2;clay gravel sand 71;yellow clay gravel 91;hardpan 101;limestone 103;grey limestone 195;white limestone 300. Water at 103.
	A.Forbes	W.Packham	Mar.20,1964	6 1/2	30	35	29	"	In	Clay gravel 24;limestone 103. Water at 90.
	G.Smiley	C.Shantz	June10,1964	5	10	64	22	"	D	Dug well 11;clay gravel 35;silty sandy clay gravel 51;grey limestone 80. Water from 70 to 80.
Kitchener, City	E.M.O.H.Bldg.	McLaughlin Water Wells Supply Ltd.	July 7,1966	7	30	40	26	Fresh	D	Asphalt 1;gravel 28;hardpan 56;gravel 59;blue limestone 75. Water from 59 to 75.
	Stone & Marble Works	C.Shantz	Jan.25,1964	7	20	34	30	"	In	Clay 18;clay gravel 36;gravel clay 44;silty sandy clay gravel 50;clay 91;clay gravel 105;gravel 117. Water from 105 to 117.
	Kitchener Water Comm.	International Water Supply Ltd.	Feb.17,1964						T	Topsoil 1;clay coarse gravel 5;clay fine gravel 13;coarse fine gravel some sandy clay 30;grey shale 33. Water from 13 to 30.
	"	"	Feb.21,1964				4	Fresh	T	Topsoil 1;sandy loam 4;boulders gravel 6;gravel clay 12;coarse fine gravel sand clay 29;grey shale 32. Water from 12 to 29.
	"	"	Feb.27,1964	1 1/2			45		T	Topsoil 1;sandy loam 5;clay gravel 40;clay gravel cemented 62;coarse gravel clay 65;rock shale 70. Water at 62.
	"	"	Apr.27,1964	4	11	77	62	"	T	Boulders gravel sand brown clay 22;dirty sand 27;sandy brown clay gravel streaks 45;brown sandy clay 49;silty sand 52; brown clay 64;grey clay gravel streaks 91;sandy grey clay hard packed gravel 108;grey clay gravel streaks 112;cemented sand gravel 115;sandy grey clay gravel streaks hard packed 231;broken limestone 238. Water at 150.
	"	"	Dec.23,1964	2			20		T	Gravel boulders sand 29;sand gravel 32;grey clay sandy hard clay 55;grey clay gravel streaks 72;grey clay gravel hard packed 100;gravel sand boulders clay 110;grey clay gravel 113; brown grey clay sandy hard 147;hard packed clay gravel sand 157;grey clay sandy hard streaks 171;cemented sand gravel boulders grey clay 199. Water at 100.
	Kiwanis Centennial Park Swimming	F.Strauss	Aug.25,1967	8	75	78	Flows	Fresh	P	Topsoil 2;brown clay stones 9;blue clay 41;brown clay pebbles 63;dirty gravel 66;sandy gravel 67;red clay 99;hardpan 113; grey rock 164;brown rock 165;grey rock 190;brown rock 279. Water from 164 to 165 and at 279.
	Kitchener Water Comm.	International Water Supply Ltd.	Jan.15,1965	2					T	Fill muck sand gravel 18;blue clay sandy streaks soft hard 45; sandy grey clay gravel streaks 80;sand 82;gravel sand clay streaks 87;boulders sand gravel clay 93;sand gravel 102;boulders gravel sand 103;gravel sand boulders streaks 121;boulders gravel sand 125;sandy brown clay gravel streaks 132;sandy clay gravel streaks hard packed 135;grey clay sandy hard 158; cemented sand gravel 159;sandy grey clay gravel 163;cemented sand gravel 184. Water at 82.
									1-65	



WATERLOO COUNTY - cont.  
 Kitchener, City -cont.

Kitchener Water Comm.	International Water Supply Ltd.	Jan.15,1965	2	33	36	30	Fresh	T 1-65	Fill muck sand gravel 18; blue clay sandy streaks 45;sandy grey clay gravel streaks 80;sand 82;gravel sand clay streaks 87;boulders sand gravel clay 93;sand gravel 102;boulders gravel sand 103;gravel sand boulders streaks 121;boulders gravel sand 125;sandy brown clay gravel streak 132;sandy clay gravel streaks hard packed 135;grey clay sandy hard 158; cemented gravel sand 159;sandy grey clay gravel 163;cemented gravel sand 164;sandy grey clay gravel 170;cemented sand gravel 184. Water at 80.
B.Kitchen	McLaughlin Water Wells & Supply Ltd.	Feb.12,1965	5	10	135	125	"	D	Dug well 40;clay 60;hardpan 130;sand 135;hardpan 164;gravel 165. Water at 165.
Kitchener Water Comm.	International Water Supply Ltd.	May 17,1965						T 2-65	Fill 8;brown grey clay gravel streaks 20;grey clay gravel 61; grey clay gravel 70;grey clay gravel streaks 81;sandy brown clay gravel 101;gravel sand clay 112;brown sandy clay gravel 115;gravel sand clay 117;brown grey sandy clay 145;grey clay gravel 156;gravel sand boulders clay 165;sandy grey clay gravel streaks 175;grey clay 185;grey clay sandy gravel streak 192;rock 193.
"	"	May 19,1965						T 3-65	Gravel sand boulders 5;grey clay 36;grey clay gravel streaks 68;grey clay some gravel 102;brown sandy clay 147;grey clay sand gravel streaks 151;gravel sand boulders clay hard packed 163;grey clay sand gravel streak 168;dark brown clay 174;grey clay sandy gravel streaked hard packed 190;bedrock.
"	"	May 25,1965	2	20	49	39	Fresh	T 4-65	Brown clay 6;gravel sand boulders 25;sandy clay 38;grey clay 58;sandy grey clay odd gravel streak 65;sandy brown clay gravel streaks 143;sand gravel clay streaks packed 164;grey clay 172;sandy grey clay gravel hardpacked streaks 199;bedrock.
"	"	May 31,1965						T 5-65	Gravel boulders clay 32;grey clay 54;grey clay gravel 56;grey sandy clay gravel 98;sandy brown clay gravel sand streaks 115; sandy clay 124;sandy clay fine gravel 132;sandy brown clay 151 gravel sand clay packed 168;grey clay sand gravel hard packed 184;sandy grey clay 187;cemented sand gravel 196.
"	"	June 7,1965	2	30	39	29	Fresh	T 6-65	Black muck fill 15;brown sand 20;grey clay gravel 49;grey sandy clay 78;gravel sand boulders clay streak 139;brown sandy clay 144;grey clay gravel streak 155;grey clay silty black clay 161;sand gravel 168;boulders gravel sand clay 173; sandy red clay gravel streak 181;shale 182. Water at 78.
"	"	June 16,1965	2					T 7-65	Sand 5;black muck 7;gravel sand 8;sandy clay sand silt 52; gravel sand boulders 73;sandy grey clay gravel streaks 105; sand gravel sandy clay streaks 115;sandy red clay hard packed 199;bedrock. Water at 105.
"	"	June 18,1965	2					T 8-65	Gravel 2;black muck 35;sandy clay 44;sand gravel 47;sandy grey clay 93;fine sand silt 107;grey clay gravel 112;sandy grey clay hard packed 126;sandy grey clay gravel streaks hard packed 149;sandy clay gravel 156;grey sticky clay 163;gravel sand sandy clay packed 176;sandy red clay gravel hard packed 183;bedrock 185. Water at 93.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Kitchener, City - cont.	A. Marrek Kitchener Water Comm.	C. & H. Kerr International Water Supply Ltd.	Sep. 8, 1965	6 1/2	15	45	27	Fresh	D	Sand stones 30; clay 78; sand gravel 89. Water from 85 to 89,
			Sep. 30, 1965	2				"		Fill 2; black muck 6; sand 20; brown clay gravel 28; grey hard clay 48; sandy clay gravel streaks 56; grey hard clay 60; sand clay gravel streaks 81; dirty packed sand 89; brown sandy clay 108; sandy grey clay 142; gravel sand boulders sandy clay 165; grey clay 168; sandy grey clay gravel 171; gravel sand marl 182; sandy clay 188; shale 191. Water at 142.
			Oct. 7, 1965						T 25-65	Fill 5; black muck sand gravel 22; grey clay 52; sandy grey clay gravel streaks 80; dirty sand 89; brown clay gravel sand 100; sand silty fine gravel grey clay streaks 141; sandy grey clay 144; fine gravel packed sand 156; black muck clay 161; fine gravel sand packed 178; sandy grey clay gravel 187; bedrock 188. Water at 141.
			Nov. 1, 1965	2			37		T 28-65	Sand gravel 27; sandy grey clay 34; fine sand 36; grey clay 44; sandy grey clay gravel streaks 95; sandy brown grey clay gravel streaks 148; gravel sand boulders clay 162; grey clay 175; gravel boulders sand clay hard packed 190; sandy brown clay gravel streaks 195; grey brown clay gravel streaks 199; shale 200. Water at 34 and 148.
			Dec. 3, 1965	2			2		T 39-65	Topsoil 1; dirty gravel boulders 8; sand clay gravel 19; packed sand gravel clay 26; sand gravel clay 33; clay gravel 36; shale. Water at 8.
			Dec. 10, 1965	2					T 50-65	Topsoil 1; dirty gravel boulders 10; packed sand gravel clay 21; clay gravel 30.
			Dec. 22, 1965	12					T 51-65	Dirty gravel boulders 10; sand clay gravel 21; clay sand gravel 26; gravel sand clay 29; clay gravel 31; shale.
			Mar. 15, 1966	18	1010	74	41	Fresh	P	Fill 3; peat bog 9; silt muck 21; silt gravel 24; clay gravel boulders 79; sand gravel boulders 133; sand gravel clay. Water at 79.
	J. Lauer Kitchener Water Commission	Kerr's Well Drilling International Water Supply Ltd.	July 30, 1966						T 22-66	Topsoil 2; dirty gravel 7; brown clay gravel 31; grey clay 68; gravel sand boulders clay 72; brownish clay small gravel streak 88; broken gravel dirty clay 94; broken limestone 95; limestone.
			Aug. 29, 1966	5	15	37	22	Fresh	D	Boulders clay 30; hardpan 64; gravel 67. Water from 66 to 67.
			Sep. 1, 1966	2			23		T 23-66	Dirty sand 4; sand 15; grey clay 27; fine sand 28; grey clay sandy streaks 33; grey clay 64; gravel sand boulders hard packed clay 86; sandy clay gravel streaks 103; hard grey clay 115; limestone 118; blue shale 123; limestone shale streaks 127.
			Sep. 2, 1966						T 24-66	Sand 43; gravel sand 44; sand 52; grey clay 65; gravel boulders sand clay hard packed 87; grey clay 89; grey brown clay gravel streaks 92; gravel sand boulders clay hard packed 98; grey clay gravel streaks 115; grey clay sand 120; gravel sand boulders clay 133; clay gravel sand boulders 140; grey brown clay gravel streaks 148; brown limestone 150.
			Sep. 9, 1966	2			51		T 25-66	Gravel sand boulders 6; brown clay 7; grey clay 8; gravel sand boulders clay 18; brown clay gravel boulders hard packed 21; grey clay 42; grey clay sandy gravel streaks 61; gravel sand boulders clay 63; sandy grey clay gravel streaked 90; cemented sand gravel 91; sandy clay gravel 100; limestone 103.

WATERLOO COUNTY - cont  
 Kitchener, City -cont.

Kitchener Water Comm.	"	"	International Water Supply Ltd.	Sep.14,1966	4	108	23	9	T	28-66	Topsoil 5;gravel sand boulders clay 6;silt 12;grey clay 35; gravel boulders sand 37;grey clay 57;fine gravel,gravel boulders sand 74;blue shale 86;limestone.
			"	Sep.18,1966	2				T	27-66	Brown clay boulders 5;grey clay gravel 29;gravel sand boulders dirty clay 47;boulders gravel sand clay 58;boulders gravel sand clay hard packed 66;sandy grey brown clay gravel 70;grey clay sandy hard 73;sandy hard packed clay gravel 83;blue hard clay 92;limestone 93.
			"	Oct.18,1966	2	25	45	43	T	30-66	Boulders gravel sand 5;sand fine gravel 24;sandy brown clay 39;grey clay 44;grey clay gravel hard packed 74;cemented sand gravel clay 86;gravel boulders sand 87;cemented sand gravel 91;white clay marl 92;cemented sand gravel 103;gravel sand boulders 106;cemented sand gravel 114;bedrock 116.
			"	Oct.19,1966					T	31-66	Fill 3;black muck 6;sand gravel 9;brown clay gravel 16;grey clay gravel streaks 21;grey hard clay 29;brown clay gravel 31;grey hard clay sandy 46;sandy streaked clay gravel 61; cemented sand gravel 65;sandy clay gravel streaked 75;gravel sand boulders marl hard packed 86;boulders gravel sand clay 102;cemented sand gravel 104;gravel boulders sand clay 106; cemented sand gravel 107;gravel sand boulders clay 113;grey clay gravel 114.
			"	Mar.20,1967	16	800	45	29	Fresh	P	Fill 4;black muck 7;sandy clay gravel 10;brown clay gravel 15;clay gravel boulders 32;sandy grey clay 44;grey clay gravel 67;grey gravel boulders 80;gravel sand boulders 111; boulders gravel clay 114. Water from 80 to 114.
			"	Dec. 6,1967	10	457	105	67	"	P	Sandy clay 6;clay silt gravel 12;grey clay 62;gravel sand boulders clay 86;clay gravel streaks 104;sandy clay gravel boulders 138;coarse sand fine gravel 142;gravel sand 149; gravel sand boulders hard streaks 167;sand gravel 171. Water at 62 and 138.
	P.Glasser	Kerr's Well Drig.	Dec.17,1967	5	10	110	90	"	D		Silty sand 110;silty sand 140. Water at 140.
New Hamburg, Town	O.Alexy	Lone Star Well Digging	Aug.10,1966	30	5	60	60	Fresh	S		Blue clay 60;coarse sand 70. Water at 60.
North Dumfries Twp.											
Con VII lot 1	H.Stringer	J.Anderson	May 18,1964	6	12	10	5	Sulphur	D,S		Red clay 13;black limestone 43. Water at 40.
Con VII " 1	T.Spratt Ltd.	G.Wallis	Aug. 4,1966	6½	13	84	12	Fresh	S		Brown sandy soil 14;grey clay 19;white limestone 50;light blue limestone 98. Water at 45 and 95.
Con VII " 2	J.Douglas	W.Packham	July 29,1966	6½	10	250	160	"	D		Gravel stones sand 30;muddy sand 140;clay 215;hardpan 225; gravel clay 232;bedrock 275. Water at 265.
Con VII " 3	D.Greenidge	"	Dec.22,1966	6½	20	80	70	"	D		Sandy clay gravel 70;light brown sand 90;clay gravel 115; gravel 117. Water at 117.
Con VII " 4	G.Spence	"	Nov.27,1964	6½	20	40	22	"	D		Pit 6;stony clay loam 25;sandy clay 90;sand gravel 105; gravel shale 107. Water at 107.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations extend below the surface are given in feet )
WATERLOO COUNTY - cont. N.Dumfries Twp. - cont.										
Con VII lot 4	J.Schmit	W.Packham	Jan.12,1967	6½	20	80	30	Fresh	D	Stones clay 15;soft clay 85;stones gravel clay 104;gravel 105. Water at 105.
Con VII " 6	G.Kalleja	"	Nov.16,1967	6½	10	88	83	"	D	Clay gravel 35;sand gravel boulders 90. Water at 90.
Con VII " 7	R.Davies	S.Gill	Nov.14,1966	6½	20	90	80	"	D	Brown clay boulders 25;clay stones 75;sandy clay stones 120; sandy clay 152;grey sand gravel 175. Water at 175.
Con VII " 6	G.Kalleja	W.Packham	Oct.27,1967	6½	25	40	37	"	S	Clay large boulders 25;clay gravel 60;coarse gravel 62. Water at 62.
Con VII " 21	P.Palo	Lone Star Well Digging	Aug.19,1965	30	10	11	6	"	D	Sand 12. Water at 6.
Con VII " 22	C.Simmons	G.Wallis	July 4,1966	6½	20	50	27	"	D,S	Gravelly brown sand 35;grey sand gravel 65;grey sand 85;fine grey silt sand 111;sandy blue clay 138. Water from 52 to 111.
Con VII " 24	S.S.#16	H.Eddyvean	Oct.15,1964	7	15	60	35	"	P	Well pit 13;boulders gravel 30;clay gravel 60;fine sand 134; fine sand clay balls 154;coarse gravel 164;clay. Water from 163 to 164.
Con VII " 28	G.Tanner	Lone Star Well Digging	Mar.31,1967	30	10	6	6	"	D	Coarse gravel 12½. Water at 6.
Con VII " 35	Robbs Mobile Feeds	"	Aug.21,1964	30	3	30	20	"	C	Sand 20;coarse gravel 30;fine gravel 35. Water at 20.
Con VIII " 2	M.Horst	W.Packham	Feb.20,1965	6½	20	55	47	"	D	Sand gravel stones 30;sandy mud gravel 105;hardpan 109;gravel 110. Water at 110.
Con VIII " 2	W.Jenkins	"	June19,1965	6½	30	30	25	"	D	Stony gravel clay 20;silty sand gravel 50;large stones gravel 58. Water at 58.
Con VIII " 2	G.Thiele	Graham Well Drig	June22,1965	5	10	60	43	"	D	Gravel sand stones 15;clay sand boulders 116;cemented gravel 122;light brown rock 167. Water at 166.
Con VIII " 3	R.Loker	W.Packham	Oct.14,1966	6½	20	40	32	"	D	Clay stones 15;clay gravel 75;hardpan 85;gravel 90. Water at 90.
Con VIII " 3	R.Hube	G.Wallis	Oct.20,1966	6½	20	60	48	"	D	Sand gravelly brown clay 75;gravelly blue clay 98;sand gravel 106. Water from 98 to 106.
Con VIII " 3	A.Woznuk	"	Mar.10,1967	6½	20	80	50	"	D	Brown sandy clay 45;grey sandy silt 90;blue clay 100;grey sand silt 120;blue clay 135;cemented sand gravel 140;grey limestone 160. Water at 150.
Con VIII " 3	C.Kroll	"	Apr.12,1967	6½	7	175	64	"	D	Clay stones 20;brown clay gravel 35;brown sand 85;fine grey sand 100;clay sand silt gravel 120;grey silt sand 135;cemented sand gravel 155;grey limestone 192. Water at 190.
Con VIII " 5	E.Fostor	W.Packham	May 26,1965	6½	15	75	42	"	D,S	Stones gravel clay 60;sand 100;sand gravel 104;gravel 105. Water at 105.
Con VIII " 15	W.McCulloch	C.Shantz	Jan.13,1964	6	8	18	15	"	D,S	Topsoil 1;sandy clay boulders 50;blue clay 125½;sand gravel 126;clay gravel 152;gravel. Water at 125½ to 126 and at 152.
Con VIII " 19	G.Dance	Steinman & Baird	Feb.27,1965	5	15	101	96	"	D,S	Brown clay 8;stones gravelly hardpan 20;gravelly hardpan dirty gravel 84;sandy gravel 124;fine sand 148;sandy gravelly hardpan 246;grey clay 251;blue shale 257. Water at 256.
Con VIII " 23	J.Tayler	H.Eddyvean	Sep.18,1967	5	4	70	37	"	D	Well pit fine sand 20;fine sand clay 70;fine sand 79;sand gravel 83. Water from 81 to 82.
Con VIII " 25	N.Drynan	C. & H. Kerr	June10,1965	8½	20	30	15	"	D	Boulder gravel 5;coarse sand 9;boulder gravel 30;fine gravel 38;coarse gravel 42. Water at 42.

WATERLOO COUNTY - cont.  
North Dumfries Twp.-cont.

Con VIII	lot 29	R.Vanooostveen	G.Wallis	Nov. 4, 1967	6 1/2	15	43	39	Fresh	S	Brown sand gravel stones 18; gravelly brown clay 60; sand gravel 67. Water from 60 to 67.
Con VIII	" 30	"	"	Oct. 13, 1967	6 1/2	20	50	8	"	D	Brown sand gravel stones 29; blue clay 60; gravelly blue clay 74; fine gravel 76. Water from 74 to 76.
Con VIII	" 38	B.Hall & D.Dance	Durham Drlg. & Enterprises	Apr. 10, 1964	4	20	65	60	"	D	Open hole 7; yellow sand 100; grey sand 140; quicksand 210; blue clay 220; blue shale 227. Water from 225 to 227.
Con IX	" 1	G.Linton	Hadco Well Digging Ltd.	Aug. 3, 1964	30	1/2		13	"	D	Topsoil 1; brown clay rocks 7; brown sand 12; gravel 14; brown sand 18; brown clay 20. Water at 12.
Con IX	" 2	K.Moxon	S.Gill	Oct. 21, 1964	6 1/2	15	50	10	"	D	Clay boulders 30; silt 55; clay gravel 60; grey clay 75; clay sand 90; small gravel 95. Water at 95.
Con IX	" 2	J.Hennink	W.Packham	June 22, 1965	6 1/2	30	50	25	"	D	Clay gravel 15; sandy clay 65; gravel stones 100. Water at 100.
Con IX	" 3	D.Harvie	"	Feb. 1, 1964	6 1/2	20	85	55	"	D	Pit 5; sandy clay gravel 30; grey sandy clay 143; shale 145. Water at 145.
Con IX	" 3	Renwick Constr. Ltd.	F.Ince	Aug. 13, 1964	6 1/2	8	80	55	"	D	Brown stony clay 15; stony blue clay 100; fine gravel 110. Water at 108.
Con IX	" 3	R.Paddock	W.Packham	Nov. 13, 1964	6 1/2	20	55	45	"	D	Loamy clay stones gravel 40; soft clay gravel 75; sand gravel 80; gravel 82. Water at 82.
Con IX	" 3	R.Albright	"	Nov. 24, 1964	6 1/2	20	120	37	"	D	Stony gravel clay 40; fine sandy clay 100; stones gravel clay 115; rock 140. Water at 135.
Con IX	" 3	R.Kats	"	Feb. 27, 1965	6 1/2	20	47	40	"	D	Stony clay 30; sand 90; stone gravel 95; gravel 96. Water at 96.
Con IX	" 3	J.Elliott	"	May 13, 1965	6 1/2	20	55	50	"	D	Sandy clay gravel 40; muddy sand 75; sand gravel 95; gravel 100. Water at 100.
Con IX	" 3	H.McNally	"	Aug. 5, 1965	6 1/2	30	50	38	"	D	Sand clay stones 20; sand gravel 105; sand gravel large stones 118; bedrock 127. Water at 124.
Con IX	" 3	S.Huddle	F.Ince	Sep. 21, 1965	6 1/2	4	95	40	"	D	Brown stony clay 20; blue stony clay 100; fine gravel 104. Water at 104.
Con IX	" 3	P.Lindhorst	W.Packham	Apr. 29, 1966	6 1/2	20	70	53	"	D	Stony sandy clay 20; clay sand mixed 70; reddish brown fine sand 90; coarse sand gravel 95. Water at 95.
Con IX	" 3	"	"	Dec. 19, 1966	6 1/2	10	80	50	"	D	Stony gravel clay 35; muddy sand 75; sand gravel clay 92; sand 100; coarse stone gravel 102. Water at 102.
Con IX	" 3	J.Hahn	S.Gill	July 2, 1967	6 1/2	10	50	23	"	D	Sandy clay boulders 25; grey sand clay 80; gravel 82; grey sand 94; gravel sand stone 100; grey rock 111. Water at 111.
Con IX	" 3	J.Koole	S.Wallis	Sep. 22, 1967	6 1/2	20	70	46	"	D	Sand gravelly brown clay 27; sand gravelly blue clay 45; grey sand 60; gravelly blue clay 70; sand gravelly brown clay 92; fine sand 100; fine gravel 103. Water from 100 to 103.
Con IX	" 3	Renwick Constr. Ltd.	W.Packham	July 10, 1967	6 1/2	20	90	44	"	D	Sandy clay 30; clay gravel 98; clay coarse gravel 103; gravel 105. Water at 105.
Con IX	" 3	Z.Gojmerac	McLaughlin Water Wells & Supply	Dec. 6, 1967	7	10	60	50	"	D	Clay stones 30; clay sand 75; clay hardpan 95; hardpan loose hardpan 106; gravel 107. Water from 106 to 107.
Con IX	" 3	Renwick Constr. Ltd.	W.Packham	Oct. 12, 1967	6 1/2	15	60	50	"	D	Gravel stones 15; sandy clay gravel 30; clay 55; hardpan 70; stone gravel 73. Water at 73.
Con IX	" 3	E.Atkins	G.Wallis	Oct. 28, 1967	6 1/2	6	100	48	"	D	Brown gravelly clay stones 40; sand gravelly grey clay 72; brown clay 90; grey clay silt sand 102; light grey limestone 115 1/2. Water at 112.
Con IX	" 3	R.Ferdinand	W.Packham	Nov. 2, 1967	6 1/2	10	90	65	"	D	Sand fill 2; sandy clay gravel 35; clay 85; sand gravel 95; gravel 98. Water at 98.
Con IX	" 3	W.Reilly	"	Nov. 18, 1967	6 1/2	20	75	65	"	D	Pit 7; clay stones 75; sand 85; sand gravel 90. Water at 90.
Con IX	" 4	F.Harding	C.Shultz	Jan. 3, 1964	5	12	65	53	"	D	Sandy clay 8; clay gravel 58; sandy clay 71; silty sandy clay gravel 87; gravel clay 125; rock 144. Water from 140 to 144.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
N.Dumfries Twp.-cont.										
Con IX lot 4	R.Addis	J.Stefan	Sep.22,1964	4	10	55	48	Fresh	D	Dirty gravel boulders 38;silty sand 88;hard packed sand gravel 112;fine gravel 115. Water at 112.
Con IX " 4	Henwick Constr.	W.Packham	Feb.15,1965	6 1/4	20	65	55	"	D	Sandy clay gravel 35;sand gravel layers clay 119;bedrock 125. Water at 122.
Con IX " 4	P.Lindhorst	"	July 8,1965	6 1/4	30	80	50	"	D	Stones sandy clay 15;sandy clay gravel 50;fine sand 88;sand gravel 105;gravel stones 110. Water at 110.
Con IX " 4	B.VanEsch	"	Aug.11,1965	6 1/4	30	35	24	"	D	Stones gravel 20;sandy clay gravel 75;stones sandy clay gravel 89;bedrock 92. Water at 90.
Con IX " 4	G.Schultz	"	Aug. 4,1966	6 1/4	20	85	45	"	D	Sand clay small stones 90;coarse gravel clay 98;rock 105. Water at 102.
Con IX " 4	R.Vondrau	"	July13,1967	6 1/4	20	45	38	"	D	Sand clay gravel 55;hardpan 70;muddy sand gravel 103;rock 107. Water at 105.
Con IX " 4	G.Ferdinand	"	Aug.22,1967	6 1/4	25	45	39	"	D	Pit 8;sandy clay gravel 50;gravel hard clay 70;muddy sand gravel 102;bedrock 105. Water at 104.
Con IX " 4	P.Lindhorst	"	Mar.31,1967	6 1/4	20	45	35	"	D	Sandy clay stones 25;sandy clay fine gravel 70;fine sand 95; clay sand gravel 105;bedrock 109. Water at 107.
Con IX " 4	C.Mizzi	"	Apr.17,1967	6 1/4	20	45	40	"	D	Sand clay stones 30;sandy clay gravel 75;sand 100;clay gravel 108;rock 110. Water at 110.
Con IX " 5	H.Stoll	Graham Well Drlg	Nov.18,1964	7	10	80	55	"	D	Old dug well 50;hard sand 75;clay stones 108;stony hardpan 119;fine grey sand 122;broken rock 127;grey limestone 156; black grey limestone 158. Water from 156 to 158.
Con IX " 7	Emanuel Christ-	W.Packham	July20,1965	6 1/4	20	100	50	"	P	Stones clay 15;sandy clay gravel 70;sand 95;bedrock 138. Water at 130.
Con IX " 16	W.Johnson	G.Wallis	Dec.16,1964	6 1/4	30	75	54	"	D	Brown clay gravel stones 25;brown sand gravel 44;grey sand silt 87;sand silt soft grey clay 120;blue clay 139 1/2;grey limestone 147. Water at 145.
Con IX " 16	E.Taylor	W.Packham	Oct.31,1967	6 1/4	20	45	46	"	D,S	Stones gravel 35;gravel 52;fine muddy sand 60;gravel 63. Water at 63.
Con IX " 19	T.Wright	"	Oct.24,1967	6 1/4	15	105	100	"	D	Stones gravel 60;gravel clay 110;clay gravel 150;gravel 155. Water at 155.
Con IX " 29	B.Asmussen	McLaughlin Water Wells	Aug.14,1967	7	15	30	25	"	D,S	Stones soil 2;gravel 20;gravel hardpan 32;clay sand 46;gravel 47. Water at 46.
Con IX " 32	R.Herd	C.Shantz	June 2,1964	5	8	80	49	"	D,S	Dug well 39;sandy clay 75;clay 165;clay gravel 173;sand gravel 175. Water from 173 to 175.
Con IX " 34	J.Sangers	W.Packham	Jan.10,1966	6 1/4	10	70	65	"	D,S	Topsoil 2;sand 10;coarse stone gravel 30;fine sand 50;clay 88; fine sand 90. Water at 88.
Con IX " 35	C.Eby	McLaughlin Water Wells Supply Ltd	Apr.10,1967	7	15	55	45	"	D,S	Dry gravel 20;grey clay hardpan 60;hardpan 80;loose hardpan 81;gravel 82. Water from 81 to 82.
Con IX " 37	E.Weber	Durham Drlg. & Enterprises	Apr. 1,1964	4	20	65	59	"	D	Topsoil 6;gravel boulders 30;grey clay 50;hardpan 70;grey silt 100;quicksand 170;soft clay 200;hard clay 210;fine gravel 212. Water at 210.
Con IX " 37	J.Seagrams & Sons Ltd.	International Water Supply Ltd.	Feb.19,1965	2			Flow	"	T	1-65 Brown sandy clay 4;brown clay gravel boulders 6;grey clay gravel boulders 42;grey sandy clay small gravel streaks 70; sand mud 95;silt fine sand 99;sand mud 102;silt fine sand 110;sand silt 117;silt fine sand 120;sand silt 136;cemented sand gravel 138;grey red clay sandy hard 149;bedrock. Water at 70.

WATERLOO COUNTY - cont.  
N.Dumfries Twp. -cont.  
Con IX lot 37

		J.Seagrams & Sons	International Water Supply	Feb.19,1965	2				Flows	Fresh	T 1-65	Topsoil 4;sand gravel shells 8;sand gravel odd boulder clay streaks 15;hard blue clay gravel 48;silt fine sand 66;silt sand 88;silt 100;sand silt 113;silt sand 118;silt clay gravel 123;dirty silt clay 139;clay gravel 154;limestone 163. Water at 40.
Con IX	" 37	"	"	Feb.23,1965	2				"	"	T 4-65	Topsoil 3;gravel sand boulders 9;grey clay sandy gravel 20; grey clay 57;silt sand 74;sand silt packed 129;sandy hard clay 152;grey clay small gravel streaks 160;bedrock. Water at 57.
Con IX	" 37	"	"	Feb.24,1965	6						T 3-65	Topsoil 4;gravel coarse gravel 15;tight sand clay 38;clay boulders 69;tight silt sand 78;silt sand 97;clay 129;silt sand 132;clay boulder 138;rock.
Con IX	" 37	"	"	Feb.27,1965							T 4-65	Brown clay gravel boulders 6;grey clay gravel 33;grey silty 38;grey clay gravel 45;grey clay 66;silt fine sand 155;bedrock.
Con IX	" 37	"	"	Mar. 2,1965							T 6-65	Brown clay gravel boulders 7;sand gravel streak 20;grey clay gravel streak 32;grey clay gravel 47;grey clay 58;silt fine sand 65;grey sandy clay 80;sand silt gravel streak 88;sand silt 100;sand silt fine gravel 118;grey clay 120;sand silt 127;silt sand 131;sandy clay sand streaks 163;bedrock.
Con IX	" 37	"	"	Mar. 3,1965							T 7-65	Sand gravel boulders 16;boulders sand gravel 30;sandy grey clay gravel streaks 45;sandy grey clay hard packed gravel 69; cemented sand gravel 70;grey clay gravel hard packed 90;sand silt 127;grey sandy clay 135; sand silt 171;bedrock.
Con IX	" 37	"	"	Mar. 5,1965							T 8-65	Brown clay 2;gravel sand boulders 7;sandy grey clay gravel 22; sandy grey clay 38;sandy grey clay gravel hard packed 49;grey clay gravel 67;sandy grey hard clay 78;sand silt 95;sand silt fine gravel streaks 103;sand silt odd fine streak gravel 108; sand silt gravel streaks hard packed 166;bedrock.
Con X	" 1	P.U.C.	"	Aug.15,1966								Topsoil boulders 1;hard clay gravel 2;soft clay gravel 8;sand clay gravel hard streaks 18;silty sand 21;dirty gravel 22; sandy clay 30;brown clay 44;cemented gravel boulders 86;cemented sand gravel 99;grey limestone 106; grey brown limestone 140;brown grey limestone 148;brown limestone 159. Water at 44 and 105.
Con X	" 1	J.Kurzawski	G.Wallis	July28,1966	6 1/2	20	50	18		Fresh	D	Brown sand gravel stones 30;gravelly grey clay 70;cemented sand gravel 91 1/2;fine gravel 92. Water at 91 1/2.
Con X	" 1	P.U.C. Galt	International Water Supply Ltd.	Mar.20,1967	8	45	15	Flows		"	T 1-67	Black muck 1;silty clay sand gravel 18;fine coarse sand gravel 29;fine coarse gravel boulders 39;cemented gravel 42;fine coarse gravel sand cemented streaks 64;clay gravel 73;cemented coarse gravel fine sand 80;rock 82. Water at 18.
Con X	" 3	A.Young	Hadco Well Digging Ltd.	July12,1966	5 1/2	5	80	80		"	D	Brown clay 6;sand gravel 44;blue clay boulders 52;gravel 80. Water at 80.
Con X	" 4	R.Schultz	G.Wallis	Dec. 1,1964	6 1/2	20	95	45		"	D	Brown clay stones 28;brown sand silt 38;brown sand soft clay 50;blue clay 75;brown sand clay silt 106;grey pack sand 115; grey limestone 141 1/2. Water at 140.
Con X	" 4	J.Layh	W.Packham	May 25,1966	6 1/2	20	39	34		"	D	Sand gravel clay loam 30;fine sand clay 115;coarse sand gravel 118. Water at 118.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. N.Dumfries Twp. - cont. Con X lot 5	G.Watson	C.Shantz	Sep.14,1964	5	8	112	81	Fresh	D	Dirty gravel boulders 14;gravel clay streaks 80;gravel 102; clay 106;gravel 126;grey limestone 196. Water from 140 to 142 and from 190 to 196.
Con X " 5	J.Chester	W.Packham	Oct.19,1964	6 1/2	20	45	30	"	D	Stones gravel 25;sandy clay gravel 65;gravel 71. Water at 71.
Con X " 5	R.King	"	Apr. 1,1966	6 1/2	20	40	38	"	D	Clay loam stone gravel 50;sand gravel 54;gravel 56. Water at 56.
Con X " 5	H.Cooper	S.Gill	Nov. 5,1966	6 1/2	15	65	33	"	D	Sandy clay boulders 35;gravel sand 75;gravel 85;fine sand 95;grey rock 102. Water at 102.
Con X " 5	H.Huff	"	Dec.28,1966	6 1/2	15	65	30	"	D	Clay boulders 30;sandy clay 72;gravel 81;fine sand 96;grey rock 120. Water at 120.
Con X " 5	D.Page	G.Wallis	Mar.16,1967	6 1/2	20	70	50	"	D	Sand gravelly brown clay 40;brown sand 62;sandy blue clay 80; sand fine gravel 92. Water from 80 to 92.
Con X " 20	D.Loker	H.Eddyvean	Nov. 5,1966	5	10	75	70	"	D	Topsoil 1;boulders clay gravel 20;coarse gravel 48;sandy clay 95;sand gravel 110. Water at 110.
Con X " 22	T.Phillips	"	Aug. 2,1965	7	10	120	90	"	D	Topsoil 1;boulder gravel 80;gravel 150;sand gravel 172. Water from 150 to 172.
Con X " 31	G.Eby	McLaughlin Water Wells Ltd.	June20,1967	7	Flows		Flows	"	D	Topsoil 2;sand 23;sand clay 51;sand 52;gravel 53. Water from 52 to 53.
Con X " 32	F.Gaidies	W.Packham	June13,1966	6 1/2	15	115	47	"	D,S	Coarse sand loose clay 25;dirty sand 65;clay 120;heaving sand170; fine muddy sand 205;hardpan coarse gravel clay 260. Water at 134 and from 134 to 137.
Con XI " 3	Galt P.U.C.	International Water Supply Ltd	Dec.15,1964	4	40		30	"	T	Sand gravel streaks 26;gravel sand boulders streaked 38; boulders gravel sand 58;sandy grey clay gravel hard packed 65; rock. Water at 30.
Con XI " 3	"	"	Dec.15,1964	2				"	T	Sand gravel boulders streaks 28;gravel boulders sand 55;sand clay gravel 58;bedrock. Water at 28.
Con XI " 3	"	"	Dec.15,1964	2			27	Fresh	T	Gravel sand boulders streaked 56;clay gravel 60;bedrock. Water at 27.
Con XI " 15	D.Crombie	H.Eddyvean	Nov.14,1966	5	10	35	8	"	D	Topsoil 1;boulders gravel clay 10;coarse gravel sand 40;sand 50. Water from 16 to 50.
Con XI " 16	E.Wright	W.Packham	Mar.13,1964	6 1/2	25	35	27	"	D	Pit 7;gravel stones 25;sand 35;muddy sand 123;shale 126. Water at 126.
Con XI " 16	J.Greulich	"	Sep.24,1965	6 1/2	30	35	28	"	D	Pit 5;coarse gravel 35;fine quicksand 60;hard clay 65;fine quicksand 135;sand gravel 138. Water at 138.
Con XI " 16	R.Waldeck	"	Oct.13,1965	6 1/2	15	100	30	"	D	Topsoil 8;sand gravel 35;sandy clay 140;sand gravel 148. Water at 148.
Con XI " 16	J.Harrington	"	May 21,1966	6 1/2	2	34	29	"	D	Stones gravel 25;finer sand gravel 35;clay 40. Water at 35.
Con XI " 16	G.Barnes	G.Wallis	Nov.12,1966	6 1/2	20	55	30	"	D	Brown sand gravel stones 35;grey sand silt 120;sand gravelly clay silt 150;fine gravel 151. Water at 150.
Con XI " 16	J.Deveney	"	Sep.12,1967	6 1/2	10	128	33	"	D	Sand gravel stones 25;brown sand 35;grey sand silt 117; gravelly blue clay 134;sand fine gravel 142. Water from 134 to 142.
Con XI " 17	A.McDonald	W.Packham	Apr. 9,1965	6 1/2	10	26	24	"	D	Sand gravel clay 25;sand gravel 32. Water at 32.
Con XI " 25	NorthDumfries Twp.SchoolArea	McLaughlin Water Wells & Supply Ltd.	Nov. 8,1965	8	30	69	58	"	P	Topsoil 2;clay sand 10;clay 25;clay sand 85;loose hardpan 89; gravel 90. Water at 89.
Con XI " 30	S.Lorriman	H.Eddyvean	Oct.30,1964	7	15	48	46	"	D	Topsoil 1;clay gravel 20;gravel boulders 60;sand 78;sand gravel 101. Water at 101.

WATERLOO COUNTY - cont.  
N. Dumfries Twp. - cont.

Con XI	lot 30	B. Engle	H. Eddyvean	May 4, 1965	7	20	46	40	Fresh	D, S	Topsoil 1; gravel 76; fine sand 90; coarse sand 103. Water from 90 to 103.
Con XI	" 35	Roseville Public School	"	Feb. 12, 1965	7	10	55	35	"	P	Topsoil 1; sand gravel 36; cement sand 60; sand gravel 81. Water from 60 to 81.
Con XI	" 35	H. Rehmann	C. & H. Kerr	July 10, 1964	6 1/2	13	50	40	"	D	Top clay 3; sand 25; gravel 60; gravel 68. Water from 60 to 68.
Con XI	" 37	O. Chapman	C. Shantz	Feb. 18, 1964	5	20	41	40	"	D	Topsoil 1; sandy clay 11; gravel clay 67; gravel sand 77. Water from 67 to 77.
Con XII	" 3	H. Mason	G. Wallis	June 13, 1966	6 1/2	15	53	29	"	D	Brown sand gravel 42; grey sand gravel clay 64; brown limestone 67. Water at 66.
Con XII	" 3	W. Ferguson	"	Aug. 31, 1967	6 1/2	8	105	80	"	D	Sand gravelly clay 60; gravelly blue clay 75; blue clay 111; sand gravel 113. Water at 111.
Con XII	" 4	P. Cox	W. Packham	Feb. 20, 1966	6 1/2	20	75	45	"	D	Clay gravel 25; clay 80; limestone 98. Water at 95.
Con XII	" 5	R. Hoekstra	G. Wallis	June 8, 1966	6 1/2	20	51	30	"	D	Brown sand gravel 54; yellow sand gravel 64; fine gravel 65. Water at 64.
Con XII	" 22	J. Duerdon	W. Packham	Oct. 16, 1964	6 1/2	20	50	35	"	D	Pit 5; gravel stone 25; soft sandy clay 50; very fine pack sand 90; sand 95; gravel 99. Water at 99.
Con XII	" 22	Galt P.U.C.	International Water Supply Ltd.	Sep. 17, 1965	2	40	12	7	"	T	Topsoil 1; dirty sand gravel clay 3; sand gravel 50; packed gravel sand clay odd boulder 68; coarse gravel clay 86; packed gravel sand 110; cemented gravel 113; gravel clay cemented streaks 131; rock 132. Water at 86.
Con XII	" 22	"	"	Sep. 24, 1965	2	12	18	15	"	T	Topsoil gravel 1; gravel sand boulders 7; gravel sand 48; clay gravel 52; clay gravel streaks 112; cemented clay gravel 118; hard clay 131; gravel clay 135; hard clay odd bit gravel 145; rock 146. Water at 15.
Con XII	" 22	"	"	Sep. 30, 1965	2			8	"	T	Topsoil stones 2; dirty sand gravel clay 5; coarse gravel sand 19; fine gravel sand 64; clay gravel 74; gravel clay 77; clay 113; packed gravel clay 137; rock 139. Water at 8.
Con XII	" 22	"	"	Oct. 6, 1965	2				"	T	Topsoil 2; dirty sand boulders clay 5; coarse gravel sand 33; fine gravel sand 61; clay gravel 73; hard clay 81; hard clay gravel 103; packed gravel sand odd bit clay 111; cemented gravel 117.
Con XII	" 22	"	"	Oct. 15, 1965					"	T	Topsoil 2; dirty sand silt clay gravel boulders 22; silt fine sand clay 47; sand gravel clay 54; clay gravel 75; silt clay 82; cemented gravel some clay 89; fine sand silt 102; clay gravel 130; rock 132.
Con XII	" 22	"	"	Oct. 19, 1965	2	40	9	5	Fresh	T	Topsoil 2; sandy clay 5; sand coarse gravel 22; sand fine gravel 50; clay gravel 63. Water at 52.
Con XII	" 22	"	"	Oct. 29, 1965					"	T	Topsoil black muck 3; gravel clay 6; coarse gravel sand 24; fine sand silt fine gravel 36; clay gravel 69; cemented clay gravel 90; hard clay gravel 113; rock.
Con XII	" 22	D. Bond	W. Packham	Aug. 3, 1967	6 1/2	6	160	24	Fresh	D	Pit 6; coarse gravel 40; sand gravel 75; sand gravel clay 178; rock 181. Water at 180.
Con XII	" 23	Galt P.U.C.	International Water Supply Co.	Oct. 27, 1965					"	T	Topsoil stones 2; dirty sand gravel clay 5; gravel sand 11; sand gravel clay 24; clay gravel 86; cemented clay gravel limestone 120; rock 121.
Con XII	" 23	Forwells Sand & Gravel	"	Apr. 18, 1966	5				"	T	Gravel boulders sand 26; coarse sand gravel 46; grey clay sand gravel streaks 55; grey clay silty streaks 80; silty clay 88; grey clay 98; gravel sand clay streaks 106; grey clay 111; gravel sand boulders clay hard packed streaked 119; sand gravel boulders streaked 124; sandy blue clay gravel streaks 136; blue shale 139.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
N.Dumfries Twp. - cont.										
Con XII lot 26	L.Sage	W.Packham	Aug. 7, 1965	6 1/2	15	60	38	Fresh	D	Pit 5; sand 45; sand clay 60; sand 65. Water at 65.
Con XII " 28	J.Lisso	Lone Star Well Digging	June 12, 1964	30	3	24	18	"	D	Topsoil 2; gravel 18; coarse gravel 30. Water at 18.
Con XII " 42	M.Becker	McLaughlin Water Wells & Supply	May 2, 1966	6 1/2	30	85	65	"	D	Soil sand 2; brown sand 10; gravel 40; brown clay 95; brown hardpan 165; brown clay sand 185; loose hardpan 193; coarse gravel 195. Water from 193 to 195.
Con XII " 43	"	H.Eddyvean	June 1, 1966	5	10	65	40	"	D,S	Topsoil 1; sand 35; sand boulders gravel 55; sand gravel 84. Water from 55 to 84.
Con XII " 45	C.Hilborn & Son	C.Shantz	Oct. 5, 1964	7	12	76	67	"	S	Dug well 47; dirty gravel 80; silty sandy clay gravel 114; gravel sand 121. Water from 114 to 121.
Con XII " 45	R.Stolz	McLaughlin Water Wells & Supply Ltd.	Nov. 6, 1964	5	15	55	37	"	D,S	Soil 2; sand 15; loose hardpan 69; clay hardpan 72; gravel 73. Water at 72.
Con X " 5	N.Murphy	W.Packham	Oct. 16, 1965	6 1/2	20	65	60	"	D	Dug well 20; sandy clay small stones 40; sandy clay 125; sand gravel 128. Water at 128.
GRE Con VII lot 1	R. Wright.	C. Shantz	May 14, 1965	5	20	21	20	Fresh	D	Brown clay 18; brown clay boulders 86; boulders 89. Water at 89.
GRE Con VII " 1	E. Krueger	McLaughlin Water well Supply Ltd.	June 26, 1967	7	15	5	2	"	D,S	Topsoil 3; brown clay sand 20; grey clay 92; gravel 93. Water from 92 to 93.
GRE Con VII " 3	H. Hilborn	W. Packham	Aug. 27, 1964	6 1/2	20	50	20	"	D	Fill 4; stony clay 35; stone gravel 56; rock 80. Water at 77.
GRE Con VII " 3	E. Reed	C. & H. Kerr	July 24, 1965	5	13	100	84	"	D	Boulder gravel clay streaks 45; sand 60; boulder 65; blue clay small stones 85; white clay 90; brown clay sand streaks 151; shale limestone 153; grey limestone 158. Water at 157.
GRE Con VII " 3	G. McCarl	Advance Farming Systems Ltd.	Dec. 2, 1965	6	10	24	14	"	D	Sand stone gravel 6; coarse stone gravel 38. Water at 14.
GRE Con VII " 3	P. Delaney	W. Packham	Jan. 9, 1967	6 1/2	20	85	80	"	D	Stones sandy clay 15; gravel sandy clay 77; hardpan 85; fine running sand 149; rock 155. Water at 152.
GRE Con VII " 3	G. Barrett	S. Gill	Aug. 18, 1967	6 1/2	20	35	20	"	D	Sandy clay 5; sandy clay boulders 18; brown sand 85; sand gravel 95; rock 102. Water from 100 to 102.
GRE Con IX " 1	B. Barrett Estate	H.Eddyvean	Aug. 19, 1966	5	5	40	20	"	D	Topsoil 1; gravel boulders 40; sand clay 48; sand 53. Water at 48.
GRE Con IX " 1	"	"	Sep. 2, 1966	5	5	25	19	"	D	Topsoil 1; boulders gravel 25; gravel sand 30. Water at 25.
GRE Con IX " 1	O. McKellar	W. Packham	Nov. 25, 1966	6 1/2	30	60	30	"	D	Well 30; blue clay 70; bedrock limestone 94. Water at 90.
GRE Con IX " 2	S. Cullen	"	Aug. 25, 1964	6 1/2	20	35	29	"	D	Stone gravel sand 25; sandy clay 45; sand gravel 55; stone gravel 62. Water at 62.
GRW Con VII lot 2	Renwick Constr.	W. Packham	Mar. 17, 1964	6 1/2	25	75	75	Fresh	D	Gravel stones 15; finer sand clay 60; quicksand 90; sand 94; gravel 96. Water at 96.
GRW Con VII " 3	C. Knowles	"	Jan. 19, 1967	6 1/2	15	185	180	"	D	Stones gravel 20; reddish brown clay sand 120; grey hard clay 215; hardpan 228; grey limestone 248. Water at 145.
GRW Con VII " 3	C. Hossack	"	Feb. 22, 1967	6 1/2	15	185	180	"	D	Topsoil 2; gravel 38; sandy clay gravel 120; clay 240; hardpan 256; bedrock 268. Water at 265.
GRW Con VIII lot 2	K. Simpson	"	May 30, 1964	6 1/2	25	47	45	"	D	Coarse gravel 10; sand gravel 20; sandy loam gravel 110; sand 128; coarse sand gravel 130. Water at 130.
GRW Con VIII " 2	R. Parkinson	"	July 21, 1964	6 1/2	20	65	40	"	D	Stones 10; sand clay stones 125; sand gravel 132. Water at 132.
GRW Con VIII " 2	W. Olsson & Son Builder	"	Aug. 22, 1964	6 1/2	20	40	35	"	D	Stones gravel 20; clay sand 85; sand gravel 110; gravel 113. Water at 113.
GRW Con VIII " 2	P. Dotchin	Graham Well Drig.	Sep. 24, 1964	5	12	60	40	"	D	Clay boulders 80; clay gravel 100; fine sand 128; dark brown stone 155; dark grey stone 172. Water at 170.

WATERLOO COUNTY - cont.										
N.Dumfries Twp. - cont.										
GRW Con VIII lot	2	A.Weigl	W.Packham	Dec.30,1964	6½	20	45	39	Fresh	D Stony fill 3;sandy loam stones gravel 20;sandy clay 75;sand gravel 85. Water at 85.
GRW Con VIII lot	2	K.Knoegel	G.Wallis	Mar.25,1967	6½	10	100	50	"	D Brown sand gravel stones 30;brown sand 95;gravelly blue clay 105;gravelly brown silt 126;fine gravel 128. Water from 126 to 128.
GRW Con VIII "	2	A.Sheppard	W.Packham	May 26,1967	6½	20	60	50	"	D Stones gravel 20;sand gravel clay 85;sand gravel 90. Water at 90.
GRW Con VIII "	2	H.Ritter	"	June19,1967	6½	20	45	35	"	D Sandy clay gravel 30;clay sand 70;sand gravel 80. Water at 80.
GRW Con VIII "	2	A.Ledingham	"	Sep.18,1967	6½	12	90	45	"	D Pit 7;coarse gravel stones 23;sand gravel clay 95;gravel 100. Water at 100.
GRW Con VIII "	2	A.Sheppard	"	Oct.26,1967	6½	20	59	50	"	D Stones gravel 25;sand clay 70;sand gravel 80;gravel 82. Water at 82.
GRW Con VIII "	2	R.Hockstra	G.Wallis	Apr. 8,1966	6½	4	100	45	"	D Brown sand gravel stones 22;fine brown sand 85;gravelly grey clay 116;sand to medium gravel 117. Water at 116.
GRW Con VIII "	2	"	"	Sep. 7,1966	6½	20	50	20	"	D Brown sand gravel stones 34;yellow sandy clay 48;gravelly grey clay 67;fine gravel 69. Water at 67.
GRW Con VIII "	2	A.Moffat	W.Packham	Oct. 5,1966	6½	20	50	36	"	D Sandy clay stones 15;sandy clay gravel 85;sand coarse gravel 90. Water at 90.
GRW Con VIII "	2	P.Racine	"	Nov.20,1966	6½	3	120	45	"	D Dirty sand gravel 20;sandy clay stone gravel 50;sand clay 115; limestone 153. Water at 150.
GRW Con VIII "	2	H.Ritter	"	Nov.28,1966	6½	20	55	40	"	D Sandy clay gravel 25;sandy clay stone gravel 50;sandy clay 80; stone gravel 85. Water at 85.
Preston, Town										
		Canadian Office & School Furniture	McLaughlin Water Wells & Supply Ltd.	Sep. 1,1964	7	25	15	6	Fresh	C Fill 6;grey limestone 65. Water from 45 to 65.
		P.Kerlovsky	"	Feb.15,1964	5	15	40	35	"	D Gravel 41;hardpan clay 80;hardpan 83;grey limestone 99. Water at 85.
		Asphalt & Bituminous Supplies	C. & H. Kerr	June28,1965	6½	40	25	10	"	C Stony gravel 20;grey rock 55. Water at 45 and 55.
Waterloo, City										
		Seagrams	International Water Supply Ltd	May 15,1964	16	800	77	58	Fresh	In Fill 2;brown clay gravel 7;coarse gravel sand boulders 21; sand gravel 33;soft clay sand 40;hard blue clay 68;packed silty sand clay 90;gravel sand boulders 110;packed gravel boulders clay 116;gravel sand 123. Water at 90.
		Kitchener Water Commission	"	June 4,1965	2			15		Sand gravel 7;cemented gravel 18;hard packed sandy stony clay 34;cemented gravel 42;hard packed sandy clay gravel 51;hard grey stony clay 56;blue shale 58. Water at 34.
		Beechwood Riding Academy	McLaughlin Water & Wells supply Ltd	July22,1965	6½	10	36	24	Fresh	S Sand clay 2;clay 15;sand clay 35;fine sand 55;coarse sand 60; gravel 61. Water from 60 to 61.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo, City - cont.		Kitchener Water Comm.	International Water Supply Ltd.	Sep. 3, 1965	2			95		T 2-65	Brown clay 5;sand fine gravel 30;gravel boulders sand 62;sand fine gravel gravel streaks 83;boulders gravel sand 100;sand gravel marl 105;sandy red clay gravel streak 120;sandy grey clay small gravel streaks 134;sandy grey clay gravel 137; sticky grey clay sand 142;sandy grey clay gravel herd streaks 179;grey clay 182;sandy grey clay gravel streaks 185;blue clay sandy clay streaks 200;dirty sand 206;grey clay gravel hard packed 324;brown limestone 327. Water at 7.
		R.Andrews	Lone Star Well Digging	Nov.19,1965	30	10	9	7	Fresh	D	Sand 7;coarse gravel 15. Water at 7.
		Kitchener Water Comm.	International Water Supply Ltd.	Nov.26,1965	2			3		T 38-65	Topsoil 1;dirty gravel boulders 10;sand clay gravel 17;packed sand gravel clay 26;sand gravel clay 31;clay gravel 33;shale . Water at 17.
		"	"	Feb. 8, 1966	2			36		T 4-66	Sandy brown clay 4;fine sand silt gravel 10;grey clay sand 72; gravel sand boulders clay 104;grey clay small gravel streak 119;sandy grey clay small gravel streak 140;dirty gravel clay streak 152;sandy clay gravel streak 176;sand gravel 178;bed rock limestone. Water at 72.
		G.Beaupre	Lone Star Well Digging	May 18, 1966	30	24	10	8	Fresh	D	Sand 8;coarse gravel 16;brown clay 18. Water at 8.
		C.Woolner	McLaughlin Water Supply Ltd.	June 6, 1966	6½	20	70	40	"	D	Topsoil 2;clay 73;clay hardpan 120;hardpan 138;gravel 139. Water at 138.
404	Waterloo Twp. Beans Tract BT	lot 1	Kitchener Water Comm.	International Water Supply Ltd.	Sep.22,1966	2				T 28-66	Topsoil 5;grey clay 10;sand gravel boulders clay 23;hard grey clay 30;silt clay streaks 49;gravel sand boulders 67;boulders gravel sand clay hard packed 74;gravel sand boulders 77;grey clay gravel streaks 83;grey clay 87;limestone 88.
	BT	" 2	Dr.R. Stanton	McLaughlin Water Wells & Supply Ltd	Nov.24,1966	7	7½	76	Fresh	D	Topsoil 1;gravel 15;grey clay gravel 30;grey clay sand 80; grey hardpan 85;gravel 86. Water from 85 to 86.
	BT	" 3	H.Peick	Lone Star Well Digging	Aug.29,1967	30	20	10	"	D	Topsoil 3;clay 19;gravel 20. Water at 19.
	BT	" 5	W.Gubler	Hadco Well Drlg. & Digging Ltd.	Nov. 8, 1967	30	3	16	"	D	Topsoil ½;sand 15;fine gravel 24;blue clay 25. Water at 10.
	BT	" 7	Kitchener Water Comm.	International Water Supply Ltd.	Oct. 6, 1966	2		Flows		T 29-66	Topsoil 1;sandy grey clay 4;black muck 5;silt fine gravel clay 70;hard grey clay 82;silty grey clay 84;limestone gravel sand boulders gravel streaks 91;gravel fine gravel boulders 112; cemented sand gravel 116;white clay marl gravel 118;cemented sand gravel 124.
	BT	" 7	"	"	Nov. 1, 1966	8	300	20	Flows		32-66 Grey clay sand 7;black muck 9;silty fine sand fine gravel clay 21;sandy clay 67;grey clay 72;sandy grey clay gravel 81;gravel boulders sand clay 112;gravel boulders clay hard packed 121.
	BT	" 7	"	"	June 14, 1967	26	85	39½	Fresh	P	Sand fill 3;black muck 4;silty clay sand 20;dirty sand gravel 29;fine coarse sand 36;silty clay gravel 56;silty sand 64;silty clay 65;silty sand 78;sticky grey clay 86. Water from 86.

## WATERLOO COUNTY - cont.

## Waterloo Twp. - cont.

## Beans Tract cont.

BT	lot 9	H. Wismer	Kerr's Well Drlg.	Sept. 13, 1966	6 1/2	15	43	32	Fresh	D, S	Brown clay 22; sandy clay 50; sand 55. Water from 50 to 55.
BT	" 11	E. Martin	N. MacLean	Jan. 14, 1964	4	10	30	30	"	D	Dug well 21; clay sand 90; sand 162; coarse gravel 164. Water at 164.
BT	" 11	A. Towndrow	Banes Drlg. Co.	July 15, 1964	30	10	15	6	"	D	Black topsoil 2; fine sandy clay 6; medium coarse sand 15. Water at 6.
BT	" 11	W. Schmidt	P. Straus	Sept. 30, 1965	7	16	8	6	"	"	Till 3; sand clay 50; hardpan 58; gravel 59. Water at 59.
BT	" 11	P. Larocque	"	May 11, 1967	5	15	25	23	"	D	Topsoil 2; sand clay 50; quicksand 105; clay 158; gravel 160. Water from 158 to 160.
Beans Unnumbered Tract											
BUT		P. Voss	Banes Drlg.	Apr. 26, 1964	20	10	20	25	"	D	Brown sand 2; brown clay 6; grey clay 12; fine brown sand 37. Water at 25.
BUT		J. Perine	McLaughlin Water Wells & Supply	Aug. 9, 1966	6 1/2	30	30	28	"	D	Topsoil 2; clay 39; loose hardpan 53; gravel 55. Water at 53.
Beasley's Broken Front											
BBF	lot 8	S. Williams	C. Shantz	May 20, 1964	5	12	68	65	"	D	Dug well 11; clay 47; clay gravel 105; gravel clay 110; sand gravel 114. Water from 110 to 114.
BBF	" 8	L. Dunbar	"	Mar. 3, 1964	7	15	70	67	"	D	Sandy clay 18; clay 35; clay gravel 110; cemented gravel 134; grey limestone 144. Water from 13 to 144.
BBF	" 8	H. Main	W. Packham	Dec. 17, 1965	6 1/2	15	80	70	"	D	Sandy clay 30; clay 97; sand 100; sand gravel 103. Water at 103.
BBF	" 9	B. P. Service Station	"	Dec. 15, 1965	6 1/2	10	120	95	"	"	Pit 7; soft sandy clay 35; hard clay gravel 120; sand 123; gravel 125. Water at 125.
BBF	" 9	Benwick Constr.	"	Oct. 18, 1966	6 1/2	10	90	80	"	D	Topsoil sandy loam 5; gravel stones clay 20; clay 55; hardpan clay gravel 80; softer clay gravel 120; sand gravel 128. Water at 128.
BBF	" 9	N. Hemstock Ltd.	Hadco Well Drlg & digging Ltd.	May 1, 1967	5	10	90	50	"	D	Fill 3; sand clay 17; sand gravel 24; blue clay 97; clay hardpan 108; hardpan sand 116; gravel 125. Water at 125.
BBF	" 9	P. Dirksen Ltd.	"	May 1, 1967	5	10	100	80	"	D	Topsoil 1; clay 10; sand gravel 14; clay stones 65; gravel 67; clay hardpan 112; sand 115; gravel 128. Water at 128.
BBF	" 9	"	"	May 2, 1967	5	10	100	80	"	D	Topsoil 1; clay 10; sand gravel 14; clay stones 65; gravel 67; clay hardpan 112; sand 115; gravel 128. Water at 128.
BBF	" 10	W. Stahle	G. Wallis	June 12, 1964	6 1/2	15	100	69	"	D	Brown sandy soil 18; yellow clay sand gravel 38; cemented sand gravel 50; blue clay 74; gravelly blue clay 112; fine sand 116; fine gravel 118. Water from 112 to 118.
BBF	" 10	J. Davidson	C. Shantz	Aug. 8, 1964	5	15	112	106	"	D	Dry sand 62; brown clay 87; clay gravel 136; fine sand 138; sand gravel 142. Water from 138 to 142.
BBF	" 10	R. Haffner	McLaughlin Water Wells & Supply	Aug. 13, 1964	5	10	143	130	"	D	Soil 4; gravel 15; sand 82; clay 108; hardpan 159; gravel 160. Water at 159.
BBF	" 10	R. Vogel	G. Wallis	June 20, 1964	6 1/2	15	105	27	"	D	Sand gravel stones 51; fine sand 79; sand small stones 85; blue clay 110; clay sand gravel 144; sand clay silt 165; fine gravel 167. Water from 165 to 167.
BBF	" 10	A. Royackers	C. Shantz	July 21, 1964	5	15	98	95	"	D	Dry sand 22; brown clay 83; clay gravel 90; blue clay 123; clay gravel 149; fine gravel 151. Water from 149 to 151.
BBF	" 10	G. Fowler	R. McLaughlin	Feb. 12, 1964	6 1/2	15	95	61	"	D	Brown sand 20; sand clay stones 105; grey sand 108. Water at 108.
BBF	" 10	W. Stahle	C. Shantz	Apr. 11, 1966	6 1/2	9	77	76	"	D	Previously drilled well 118; brown limestone 176. Water from 171 to 176.
BBF	" 10	J. Reid	"	July 5, 1965	5	8	109	107	"	D	Dirty gravel 12; sand 51; brown clay 90; cemented gravel 99; blue clay 140; gravel clay 144; gravel sand 148. Water from 144 to 148.
BBF	" 10	H. Riedel	W. Packham	Nov. 6, 1965	6 1/2	20	115	110	"	D	Dry sand 60; clay gravel 110; hard clay sand 145; sand 149; coarse sand 153. Water at 153.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
Waterloo Twp. - cont.										
Beasley's Broken Front										
BBF lot 10	A. Constable	W. Packham	Apr. 6, 1966	6 1/2	10	115	110	Fresh	D	Sand 35; clay 95; clay fine gravel hardpan 142; sand coarse gravel 144. Water at 144.
BBF " 10	P. Bassin	"	Apr. 11, 1966	6 1/2	10	120	107	"	D	Sand 55; clay fine gravel 110; hard clay 130; sand gravel 140. Water at 140.
BBF " 10	K. Swartz	McLaughlin Water Wells & Supply	Mar. 7, 1967	7	15	110	100	"	D	Fill 5; sand 30; grey clay 70; hardpan 120; sand 137; gravel 138. Water from 137 to 138.
BBF " 12	Kitchener Water Comm	International Water Supply	Aug. 19, 1965	10	60	9	5	"	T	Coarse gravel boulders sand 5; grey clay stoney 16; sandy clay gravel 21; coarse gravel sand 23; boulders clay sand 28; coarse gravel boulders sand 31; cemented gravel 38; weather limestone 41. Water at 21.
BBF " 12	"	"	Aug. 27, 1965	2			4	"	T	Dirty gravel sand boulders 4; clay gravel boulders 10; sandy clay gravel 21; sand gravel 28; sandy clay gravel 34; dirty sand gravel 36; shale 37. Water at 10.
BBF " 12	"	"	Sep. 9, 1965	1 1/2	75	16	6	"	T	Topsoil 1; dirty gravel boulders 6; sandy clay gravel 16; packed sand gravel clay 19; sandy clay gravel 23; sand gravel 27; gravel sand 42; shale. Water at 23.
BBF " 12	"	"	Sep. 16, 1965	2			4	"	T	Topsoil 1; dirty gravel boulders 5; sandy clay gravel 18; packed sand gravel clay 25; gravel sand 28; packed sand gravel clay 31; sand gravel clay 34; packed gravel sand hard streaks 38; shale. Water at 25.
BBF " 12	"	"	Sep. 21, 1965	2			Flows	"	T	Topsoil 10; gravel dirty cemented 21; boulders 23; gravel boulder 31; sand clay streaks odd boulders 45; clay boulders 46; shale 48. Water at 10.
BBF " 12	"	"	Sep. 28, 1965	2			7	"	T	Topsoil 1; sandy loam 10; sand gravel clay 23; packed gravel sand clay 28; gravel sand clay 31; sand gravel 34; gravel sand clay 40; shale. Water at 28.
BBF " 12	"	"	Sep. 29, 1965	2				"	T	Topsoil 2; cemented sand gravel boulders 15; sand odd boulder clay 17; boulder 20; sand odd boulder clay 25. Water at 15.
BBF " 12	"	"	Oct. 12, 1965	2	67	14	6	"	T	Topsoil 1; sandy loam 8; packed gravel clay boulders 15; packed sand gravel clay 30; sand fine gravel 33; gravel sand clay packed streaks 37; shale. Water at 30.
BBF " 12	"	"	Oct. 26, 1965	2			6	"	T	Topsoil 1; dirty gravel boulders 5; sandy clay gravel 17; packed sand gravel clay 20; sandy clay gravel 25; fine coarse sand 30; gravel sand 37; fine sand gravel 42; shale. Water at 25.
BBF " 12	"	"	Nov. 9, 1965	2			10	"	T	Topsoil 1; dirty gravel sand 17; gravel sand clay 32; gravel sand 35; gravel sand clay 37; shale. Water at 17.
BBF " 12	"	"	Nov. 18, 1965	2			3	"	T	Topsoil 2; dirty gravel sand 6; sand clay gravel 17; gravel sand clay 30; clay gravel 32; shale. Water at 17.
BBF " 13	D. Wideman	Steinman & Baird	Aug. 17, 1965	8	55	105	72	"	Ir	Gravel 12; grey clay 57; gritty grey clay 74; gritty hardpan 102; dirty gravel 135; gravel 137; gravelly clay 149; dark brown limestone 184. Water at 183.
BBF " 14	G. McMillan	Banes Drlg.	June 10, 1964	30	10	45	41	"	D	Sand 20; hardpan 22; sand 24; hardpan 26; sand gravel 36; gravel clay 42; clay fine stones 48. Water at 41.
BBF " 14	W. Gimbel	Wilson's Well Drlg.	Nov. 23, 1965	5	6	95	75	"	D	Topsoil 2; brown clay stones 12; sand 15; blue clay boulders 70; cemented sand 112; sand 115. Water at 112.
BBF " 14	K. Ainley	W. Packham	Dec. 9, 1967	6 1/2	20	80	60	"	D	Clay gravel 40; clay 75; hardpan 88; rock 95. Water at 92.
BBF " 15	J. Wratten	"	Apr. 25, 1964	6 1/2	20	75	69	"	D	Sandy clay gravel 10; sandy clay 50; clay gravel hardpan 90; clay gravel 110; gravel 112. Water at 112.



## WATERLOO COUNTY - cont.

## Waterloo Twp. - cont.

## Beasley's Broken Front cont.

BBF	lot 15	R. Pietch	C. Shantz	Jan. 14, 1965	5	15	68	66	Fresh	D	Topsoil 1; clay gravel 17; clay 52; gravel clay 85; clay gravel 120; gravel clay 124; gravel sand 127. Water from 124 to 127.
BBF	" 17	G. Sauder	R. McLaughlin	Apr. 11, 1964	7	15	90	80	"	D, S	Topsoil 2; sand 15; clay 51; hardpan clay 72; hardpan 85; clay fine gravel 110; gravel 120; gravel 121. Water at 120.
BBF	" 17	E. Hammer	Lone Star Well Digging	Oct. 17, 1966	30	3	24	7	"	D	Clay 24; gravel 25; clay 27. Water at 24.
BBF	" 18	J. Bauer	"	July 27, 1964	30	3	10	10	"	D	Gravel 10; clay 18. Water at 10.
BBF	" 24	H. Walters	Graham Well Drlg.	Sep. 24, 1965	5	15	60	48	"	D	Old spring 2; clay stones 40; fine brown sand clay 70; stony hard pan 80; clay stones 100; dark grey stone 112; heavy gravel 114. Water at 114.
BBF	" 24	G. Lipke	McLaughlin Water Wells & Supply Ltd	Oct. 25, 1967	7	15	74	45	"	D	Sandy soil 2; sand gravel 10; hardpan clay 50; hardpan 80; blue rock 90. Water from 80 to 90.
BBF	" 27	R. Nesbitt	Graham Well Drlg	Oct. 28, 1964	5	10	80	65	"	D	Fine brown sand 35; clay gravel 95; cemented gravel 106; heavy coarse gravel 107. Water at 107.
BBF	" 27	J. Frazer	"	Nov. 16, 1964	5	10	120	95	"	D	Clay boulders 95; cemented gravel 110; light grey stone 185; dark grey stone 200. Water at 198.
BBF	" 27	P. Pawelko	McLaughlin Water Wells & Supply Ltd	Aug. 13, 1965	5	10	73	65	"	S	Topsoil 1; gravel 15; clay 25; clay hardpan 85; hardpan 94; gravel 95. Water at 95.
BBF	" 28	C. Herman	H. Eddyvean	Mar. 9, 1965	5	10	50	40	"	D	Dug well 18; clay coarse gravel 65; clay sand 69; sand gravel 71. Water from 69 to 71.
BBF	" 28	J. Hicks	McLaughlin Water Wells & Supply Ltd	Oct. 4, 1967	5	10	55	50	"	D	Gravel 25; clay stones 50; clay 70; hardpan 76; gravel 77. Water from 76 to 77.
Beasley's Lower Block											
BLB	lot 8	W. Ashton	C. Hill	Apr. 2, 1966	4	15	10	5	"	D	Shale 14; grey limestone 70. Water at 70.
BLB	" 9	E. Batcliffe	Graham Well Drlg	June 30, 1964	5	15	100	74	"	D	Sand 45; light brown rock 75; white rock 124; brown rock 148. Water at 145.
BLB	" 11	G. Markle	C. Hill	Nov. 30, 1964	4	10	60	40	"	D, S	Sandy clay 12; gravel large boulders 75; grey limestone 139. Water at 139.
BLB	" 11	J. Zeitler	F. Straus	Mar. 1, 1965	7	15	48	40	"	D	Clay stones 21; hardpan 49; clay 86; gravel 88. Water from 86 to 88.
BLB	" 11	W. Calder	C. Hill	Apr. 28, 1964	4	7	70	35	"	D	Soft clay 8; quicksand 15; clay 51; grey blue limestone 115. Water at 115.
BLB	" 11	M. Henruch	"	Sep. 28, 1967	4	10	70	35	"	D	Clay 25; gravel 76; grey rock 134. Water at 134.
BLB	" 12	E. Dalmer	"	Sep. 23, 1966	4	10	45	19	"	D	Sand gravel boulders mixed 44; grey limestone 112. Water at 112.
BLB	" 12	C. Mercer	"	Sep. 1, 1966	4	10	50	17	"	D	Sandy gravel 10; very stony gravel 30; clay 43; grey limestone 109. Water at 109.
BLB	" 12	W. Sehora	"	Sep. 18, 1965	4	10	40	30	"	D	Previously dug well 23; clay 54; grey limestone 113. Water at 113.
BLB	" 12	L. Humphries	"	Oct. 5, 1967	4	10	50	30	"	D	Old dug well 18; clay stones 30; gravel 50; grey rock 115. Water at 115.
BLB	" 12	W. Thompson	"	Nov. 22, 1967	4	10	45	19	"	D	Sand 12; gravel 43; grey limestone 114. Water at 114.
BLB	" 11	M. Little	"	June 15, 1964	4	10	20	14	"	D	Hard stony gravel 14; grey limestone 96. Water at 96.
BLB	" 12	H. Wybrow	"	Dec. 10, 1964	4	12	45	20	"	D	Sand 33; grey limestone 102. Water at 102.
BLB	" 12	D. Dedman	H. Eddyvean	Nov. 26, 1966	5	20	8	3	"	D	Pit 3; white limestone 35. Water from 34 to 35.
Beasley's New Survey											
BNS	lot 1	W. Semple	Lone Star Well Digging	July 5, 1966	30	5	20	15	"	D	Sand 15; coarse gravel 25. Water at 15.
BNS	" 8	H. Dreger	W. Packham	Nov. 3, 1965	64	20	85	80	"	D, S	Sandy clay 45; clay gravel hardpan 168; gravel 170. Water at 170.
BNS	" 9	C. Snider	R. McLaughlin	May 11, 1964	5	15	100	60	"	D, S	Topsoil 1; sand 45; clay sand 81; clay hardpan 104; sand 114. Water at 108.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
Waterloo Twp. - cont.										
Beasley's New Survey	cont.									
BNS lot 9	C.Snider	R.McLaughlin	May 11, 1964	5	15	100	60	Fresh	D,S	Topsoil 1;sand 45;clay sand 81;clay hardpan 104;sand 114. Water at 108.
BNS " 11	C.Becker	Kerr's Well Drlg	Dec. 7, 1967	6 1/2	12	120	95	"	D,S	Dug well 90;sand 130;coarse sand 135. Water from 130 to 135.
Beasley's Old Survey										
BOS lot 2	M.Keefer	McLaughlin Water Wells	Nov.15, 1966	6 1/2	15	44	34	"	D,S	Topsoil 3;gravel 20;boulders 25;clay 38;clay gravel 113;rock 120. Water from 113 to 120.
BOS " 3	G.Thomson	"	June 23, 1965	7	10	85	60	"	D	Clay hardpan 98;grey rock 101. Water at 101.
BOS " 4	C.Stoliker	S.Gill	Jan.21, 1964	6 1/2	20	35	25	"	D	Dug well 19;sand clay gravel 60;fine sand 77;gravel 78. Water at 78.
BOS " 4	P.Petterson	R.Mc Laughlin	May 1, 1964	7	15	48	40	"	D	Topsoil 1;gravel 26;clay hardpan 66;gravel 67. Water at 66.
BOS " 4	D.Gregory	C.Shantz	Aug. 7, 1965	5	20	66	50	"	D	Sand 12;sand gravel 28;clay 42;silty sandy clay gravel 68; sand gravel 79. Water from 68 to 79.
BOS " 4	E.Grasett	McLaughlin Water Wells & Supply	Dec. 9, 1966	7	12	55	31	"	D	Topsoil 2;silty clay 18;clay gravel 32;silty sandy clay gravel 68;brown clay 111;rock 120. Water from 118 to 120.
BOS " 8	J.Gowman	G.Wallis	May 17, 1966	6 1/2	20	100	60	"	D	Brown sand 65;gravelly brown sand 86;blue clay 102;sand gravelly blue clay 178;fine gravel 181. Water from 178 to 181.
BOS " 10	Conestoga College	International Water Supply Ltd.	Oct. 4, 1967	2			59		T	Topsoil 1;sand gravel boulders 23;clay 47;sand gravel 62;clay 68;sand gravel 70;clay 84;sand gravel 87;clay 91;sand gravel 104;sand gravel 125. Water at 70,87,104 and 125.
BOS " 10	V.Nerlick	Hadco Well Drlg. & Digging Ltd.	Oct. 5, 1967	5	5	95	55	Fresh	D	cobblestone sand 20;pit run gravel clay 35;cemented gravel rocks 55;blue clay rocks 90;fine gravel sand 105. Water from 101 to 105.
BOS " 10	Conestoga College	International Water Supply Ltd.	Oct.16, 1967	4	55	62	58	"	T	Topsoil 1;sand gravel 20;clay gravel 37;soft silty clay 52; clay gravel streaks gravel 64;sand gravel clay streaks 69; clay gravel 91;sand gravel cemented streaks 117;sand gravel 126;cemented sand gravel 140. Well abandoned; water at 117, 126,140.
BOS " 10	"	"	Oct.30, 1967	6	23	61	58	Fresh	T	Topsoil 1;sand gravel 22;clay gravel 41;soft silty clay gravel 47;gravel clay 51;clay gravel 59;gravel clay 61;clay gravel 67;sand gravel 69;clay gravel 82;sand gravel clay 90;cemented sand gravel 96. Water at 69 and 82.
BOS " 11	C.King	C.Shantz	Dec. 2, 1964	5	12	51	36	"	D	Topsoil 1;clay gravel 57;silty sandy clay gravel 76;sandy gravel 82. Water from 76 to 82.
BOS " 11	A.Schaefer	McLaughlin Water Wells & Supply	Oct.25, 1966	7	8	59	58	"	D	Fill 3;clay gravel 15;gravel 20;clay gravel 118;gravel clay 124;gravel sand 132. Water from 124 to 132.
BOS " 11	L.Cormier	"	Dec. 1, 1966	7	15	73	65	"	D	Dug well 28;gravel 40;grey hardpan 80;grey hardpan stones 95; grey hardpan 105;gravel 106. Water from 105 to 106.
BOS " 12	Kitchener Water Comm.	International Water Supply	July19, 1965	10					T	Fine sand 1;coarse gravel sand 4;hard packed sandy clay gravel 17;brown stony clay 26;cemented gravel 29;grey limestone 30.
BOS " 12	"	"	July26, 1965	10					T	Coarse gravel boulders sand 5;grey clay stone 26;silty stony clay 43;limestone 44.
BOS " 12	"	"	July30, 1965	10					T	Coarse gravel boulder sand 6;grey stony clay 26;sandy stony clay 36;cemented gravel 40;grey limestone 41.
BOS " 12	E.Miklaucich	Hadco Well Digging Ltd.	Oct.21, 1966	5	8	90	78	Fresh	D	Brown clay 15;blue clay 95;gravel 105. Water at 105.
BOS " 12	J.Bieth	"	Jan.14, 1967	5	8	100	55	"	D	Sand 16;brown clay 25;sand 55;blue clay rocks 125;sand layers 140;cemented gravel 170;rock 175. Water at 170.

## WATERLOO COUNTY - cont.

Waterloo Twp. - cont.

Beasley's Old Survey cont.

BOS	lot 12	J. Bieth	Hadco Well Digging Ltd	Jan. 14, 1967	5	8	100	55	Fresh	D	Sand 16; brown clay 25; sand 55; blue clay rocks 125; sand layers 140; cemented gravel 170; rock 175. Water at 170.
BOS	" 13	J. Napai	C. Hill	Aug. 20, 1966	4	8	65	20	"	D	Sand 20; gravel 54; bluish grey limestone 122. Water at 122.
Bechtel's Tract		A. Musselman	C. Shantz	Mar. 3, 1964	7	10	39	35	"	D, S	Topsoil 1; sandy clay 28; silty clay 58; silty sandy clay gravel 74; clay 78; gravel sand 95. Water from 78 to 95.
BT		F. Roaner	Hadco Waterwell Drilling Co. Ltd.	Oct. 6, 1964	5 1/2	50	35	8	"	D	Clay 2; sand 70; gravel 72. Water from 70 to 72.
German Company Tract											
GCT	lot 8	D. Schuk	W. Packham	Feb. 6, 1964	6 1/2	20	100	85	"	S	Sandy loam 30; clay 95; muddy sand 130; clay 180; sand gravel 183; gravel broken shale 184. Water at 184.
GCT	" 9	R. Broomon	Hadco Well Digging	Feb. 15, 1964	30	1	29	19	"	D	Topsoil 1; brown clay 3; gravel sand 5; brown sand 21; blue sandy clay 30. Water at 19.
GCT	" 27	E. Bauman	R. McLaughlin	Feb. 29, 1964	6 1/2	15	74	68	"	D, S	Dug well 45; brown sand 65; sandy clay stones 162; soft brown clay 140; blue clay stones 186; sand gravel 208. Water at 207.
GCT	" 28	A. Martin	McLaughlin Water Wells Supply Ltd.	May 5, 1965	5	10	115	70	"	D	Gravel 50; sand clay 85; hardpan 175; quicksand 190; hardpan 261; grey rock 275. Water from 264 to 275.
GCT	" 28	F. Querin	F. Straus	Sep. 24, 1965	5	15	46	40	"	D	Sand clay 125; hardpan 141; clay sand 210; hardpan 249; gravel 251. Water at 251.
GCT	" 28	E. Nafziger	Hadco Well Drlg. & Digging Ltd.	July 26, 1967	30	6	18	9	"	D	Topsoil 2; brown sandy clay 7; coarse brown sand 18. Water at 9.
GCT	" 30	Erbsville Enterprises Ltd.	Durham Drlg. & Enterprises Ltd.	Dec. 8, 1966	5	20	35	26	"	D	Topsoil 1; sand gravel 30; brown clay 200; dark brown sand 215; layer clay 218; layer rock 220; red clay 260; blue shale 297. Water from 282 to 287.
GCT	" 32	W. Jarski	McLaughlin Water Wells & Supply Ltd.	July 25, 1964	5	18	96	92	"	D	Topsoil 3; red clay 21; sand clay 131; red clay 140; sand 151. Water from 140 to 149.
GCT	" 32	J. Herzog	"	Dec. 9, 1965	5	10	145	130	"	D	Clay 35; sand 155; quicksand 170; clay sand 190; hardpan clay 277; gravel 280. Water at 277.
GCT	" 33	D. Ayer	"	Sep. 3, 1965	6 1/2	10	85	65	"	D	Topsoil 2; sand 15; clay sand 60; clay 95; clay sand 130; sand 135. Water at 130.
GCT	" 33	L. McCutcheon	W. Packham	Apr. 22, 1967	6 1/2	5	70	35	"	D	Sandy clay 70; fine gravel sand 80. Water at 75.
GCT	" 36	W. Kropp	Hadco Well Digging	Feb. 18, 1964	30	1	28	15	"	D, S	Topsoil 2; clay 10; blue marl 15; blue clay 50. Water at 15.
GCT	" 36	M. Schell	Banes Drlg. Co.	Mar. 2, 1964	30	10	47	17	"	D	Grey clay 50. Water from 32 to 50.
GCT	" 38	H. Gingerich	McLaughlin Water Wells & Supply Ltd.	Sep. 3, 1964	5	15	130	115	"	D	Fill 6; clay 90; clay sand 110; loose hardpan 145; sand 191; fine gravel 194. Water at 192.
GCT	" 38	W. Kropp	Hadco Waterwell Drlg. Co. Ltd.	Sep. 14, 1964	5 1/2	17	150	110	"	D	Clay rocks 75; sand gravel 135; gravel 172; sand 172; shale 175; coarse sand 185; shale 189; gravel sand 195; shale 220; fine sand 230. Water at 173.
GCT	" 38	Brandon Tile & Con.	McLaughlin Water Wells & Supply	Sep. 15, 1964	5	15	120	110	"	D	Dug well 32; clay 60; clay hardpan 90; clay sand 148; sand 164; gravel 165. Water at 164.
GCT	" 38	W. Kosch	"	Dec. 31, 1964	5	7 1/2	135	115	"	D	Fill 7; clay 40; clay hardpan 85; fine sand 172; coarse sand gravel 174. Water at 172.
GCT	" 38	Held's Lunch	"	Aug. 6, 1965	5	10	144	115	"	C	Dug well 15; clay stones 85; clay sand 125; sand 160; sand 186. Water from 160 to 186.
GCT	" 38	York Nursery Ltd.	"	Sep. 10, 1965	5	10	150	140	"	D	Well pit 6; clay 80; sand clay 170; sand 180; gravel 181. Water at 181.
GCT	" 38	V. Montag	Kerr's Well Drlg.	Oct. 6, 1966	5 1/2	15	107	102	"	D	Brown clay 45; sandy clay 102; gravel 118; coarse sand 122. Water at 118.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	HEAD OF WATER	USE *	LOG AND REMARKS *
(Supplies to which formation extend below the surface are given in feet)										
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract GCT lot 38	cont. E. Zieschang	Kerr's Well Drlg	Oct. 18, 1966	5 1/2	15	140	120	Fresh	D	Dug well 60; brown clay 95; sandy clay 157; coarse sand 161. Water at 157.
GCT " 39	W. Tughan	R. McLaughlin	June 17, 1964	7	12	130	127	"	D, S	Topsoil 2; clay sand 15; clay 105; sand hardpan 159; sand 169. Water from 159 to 169.
GCT " 39	Ont. Hydro	D. Lougheed	Aug. 7, 1964	6	30	103	101	"	P	Topsoil 1; brown clay 12; grey clay gravel 107; dirty sand gravel 119; coarse sand gravel 139; fine sand gravel 140; medium coarse sand fine gravel 161; coarse sand fine gravel 165; grey clay 168; dirty sand 180; brown clay 184. Water at 119.
GCT " 39	"	"	Sep. 10, 1964	10	164	110	102	"	T 3-64	Topsoil 1; brown clay 12; grey clay 58; grey clay gravel 107; dirty sand gravel 119; coarse sand gravel 139; fine sand gravel 140; medium coarse sand fine gravel 161; coarse sand fine gravel 166. Water at 119.
GCT " 39	T. Bielka	McLaughlin Water Wells & Supply	Aug. 28, 1966	5	10	130	125	"	D	Topsoil 5; brown clay 83; clay hardpan 120; loose hardpan 155; gravel 156. Water at 155.
GCT " 39	R. Schinkel	Kerr's Well Drlg	Nov. 1, 1966	5	15	138	125	"	D	Clay 41; stony clay 88; gravel 138; coarse sand 143. Water from 138 to 143.
GCT " 40	D. Coates	F. Straus	June 30, 1965	5	12	114	110	"	D	Dug well 90; clay sand 166; sand 180; clay 183. Water from 166 to 180.
GCT " 39	Ont. Hydro	D. Lougheed	Dec. 12, 1966	8	200	119	104	"	P	Drilled previously 118; coarse gravel 137; coarse sand 141; coarse sand gravel 165; coarse sand clay 167. Water at 165.
GCT " 41	C. Haffner	Kerr's Well Drlg	May 26, 1967	5	15	139	120	"	D	Clay 10; soft brown clay 65; sand 83; sand clay 144; coarse sand 150. Water from 144 to 150.
GCT " 43	B. Finlay	Hadco Well Drlg & Digging Ltd.	Jan. 2, 1965	7	80	260	180	"	N	Sand clay 210; rocks 230; shale 243; clay gravel rocks 270; rock 285; white rock 289; rock clay 309; clay 355; sand gravel 367; rock 375. Water from 367 to 375.
GCT " 43	"	"	Jan. 8, 1965	5 1/2	12	160	120	"	D	Sand clay 195; gravel 200; clay 203; gravel 204; clay 211; gravel 212; sand clay 220; sand 226; sand 247; clay 247; clay rocks 252. Water from 195 to 212.
GCT " 43	C. Doerner	"	June 12, 1967	30	8	24	7	"	D	Topsoil 1; brown clay 7; brown sand 22; brown clay 27; gravel 30. Water at 7 and 27.
GCT " 44	W. Martin	C. & H. Kerr	Oct. 27, 1965	5	10	71	20	"	D	Sand clay 30; sand 65; sand clay 70; sand 75. Water from 70 to 75.
GCT " 44	W. Wintermeyer	F. Straus	Mar. 9, 1967	5	19	35	25	"	D	Clay 49; dirty sand 55; clay 61; hardpan 113; dirty sand 115; clay 186; hardpan 203; clay 240; hardpan 260; gravel 261. Water from 260 to 261.
GCT " 47	M. Horvat	W. Packham	Apr. 12, 1966	6 1/2	20	45	34	"	D	Sand loam topsoil 5; sand 40; sand gravel 48; gravel 55. Water at 55.
GCT " 60	P. Warner	McLaughlin Water Wells & Supply	Sep. 11, 1967	6	15	45	40	"	D	Topsoil 2; gravel clay 18; clay hardpan 60; gravel 61. Water at 60.
GCT " 61	K. Clarke	Hadco Well Digging & Drlg.	Nov. 23, 1964	5 1/2	10	60	4	"	D	Sand clay 35; shale 99; gravel 107; shale 175; rock 194; sandy gravel 195. Water from 194 to 195.
GCT " 61	W. Singbeil	"	July 19, 1965	30	1	38	30	"	D	Grey clay 20; grey sandy clay 30; grey sand 40. Water at 30.
GCT " 61	D. Smith	Advanced Farming Systems Ltd.	Mar. 15, 1966	5	20	150	30	"	D	Clay boulders 35; clay 55; gravel clay 70; clay boulders 98; clay boulders gravel 149; gravel 177; limestone 179. Water from 149 to 177.
GCT " 61	B. Compass	Lone Star Well Digging	Feb. 28, 1967	30	5	15	10	"	D	Brown clay 7; coarse sand 20; brown clay 25. Water at 15.
GCT " 62	J. Contractors	J. Moore	Mar. 10, 1964	30	5	7	7	"	D	Clay 7; sand 12; coarse gravel 15. Water at 7.
GCT " 62	H. Sommerfeld	Hadco Well Drlg. & Digging Ltd.	Aug. 31, 1967	30	2	38	24	"	D	Topsoil 1; brown clay fill 7; grey clay 23; sand 28; blue clay 36; fine gravel 40. Water at 28 and 36.
GCT " 63	H. Toman & Son	"	June 21, 1965	30	1	15	15	"	D	Clay 2; brown sand 10; brown sand 22; bluish sand 25. Water from 10 to 20.

WATERLOO COUNTY - cont.  
 Waterloo Twp. - cont.  
 German Company Tract cont.

GCT	lot 66	S. Love	R. McLaughlin	Mar. 11, 1964	7	10	35	16	Fresh	D	Dug well 40; clay 57; boulder 58; clay 81; hardpan 104; gravel 105. Water at 104.
GCT	" 66	J. Reaburn	Banes Drlg. Co.	Apr. 16, 1964	20	10	9	6	"	D	Topsoil 2; pit run 6; grey rocky clay 17. Water at 6.
GCT	" 66	J. McDonald	Graham Well Drlg.	May 13, 1964	5	10	90	60	"	D	Gravel stones 40; clay stones 135; sand gravel 154; gravel 160. Water at 159.
GCT	" 66	C. Totzke	McLaughlin Water Well & Supply Ltd.	Nov. 30, 1964	7	15	15	Flows	"	D	Clay 30; hardpan 114; gravel 115. Water at 114.
GCT	" 66	J. Reaburn	Laeco Drlg.	Sep. 14, 1965	4	6	50	40	Mineral	D	Clay stones 12; gravel 130; clay stones 165; limestone 170. Water at 170.
GCT	" 66	M. Polgar	Lone Star Well Digging	June 6, 1966	30	10	35	32	Fresh	D	Brown clay 20; sand 35; coarse gravel 40; blue clay 42. Water at 35.
GCT	" 66	J. Schnurr	"	June 21, 1966	30	5	50	41	"	D	Blue clay 50; coarse gravel 60. Water at 50.
GCT	" 66	N. Wittlaufer	"	June 11, 1966	30	5	60	50	"	D	Sand 20; coarse gravel 60; blue clay 67. Water at 60.
GCT	" 66	J. Mountstephen	Hadco Well Drlg. & Digging Ltd.	Oct. 14, 1967	5	10	80	65	"	D	Topsoil 1; brown clay rocks 16; blue clay 30; sandy gravel 40; blue clay rocks 110; red clay hardpan 143; sand gravel 150. Water at 150.
GCT	" 67	D. Karcher	Lone Star Well Digging	Oct. 31, 1964	30	20	45	30	"	S	Blue clay 100; coarse gravel 103. Water at 100.
GCT	" 67	L. Shantz	W. Packham	Jan. 3, 1966	6½	20	70	30	"	D, S	Clay gravel 118; gravel sandy mud 124; soft clay 165; sand 170; gravel 172. Water at 172.
GCT	" 71	E. Kraft	McLaughlin Water Well & Supply Ltd.	July 16, 1964	5	10	95	65	"	D	Soil 3; gravel 17; hardpan clay 103; gravel 105; clay hardpan 109; sand 125; coarse sand 130. Water at 126.
GCT	" 73	J. Knechtel	"	Nov. 5, 1964	7	10	90	25	"	D, S	Clay stones 28; sand 30; clay 45; hardpan 100; gravel 101. Water at 100.
GCT	" 74	J. Pay	F. Ince	June 17, 1967	8	24	50	40	"	D, S	Brown clay 6; stony clay 36; stony blue clay 113; gravel 116. Water at 116.
GCT	" 75	M. Cressman	N. Steinman	Mar. 27, 1967	7	20	57	36	"	D, S	Topsoil 2; brown clay 15; grey clay 73; hardpan 119; brown clay 127; grey shale 130; grey limestone 132. Water at 130 and 132.
GCT	" 78	A. Martin	McLaughlin Water Well & Supply Ltd.	Nov. 2, 1966	7	15	45	25	"	D, S	Topsoil 1; gravel 20; grey clay 60; grey hardpan 62; gravel 63. Water from 62 to 63.
GCT	" 80	A. Schnurr	Hadco Well Digging Ltd.	Sep. 9, 1965	30	5½		17	"	D	Topsoil sand gravel fill 4; brown clay 8; grey sandy clay 17; grey marl 19; grey sand clay 26; grey clay 40. Water at 17.
GCT	" 80	"	Lone Star Well Digging Ltd.	June 16, 1966	30	10	15	10	"	D	Sand 12; brown clay 22½. Water from 10 to 12.
GCT	" 80	T. Holotta	"	Aug. 17, 1966	30	5	10	7	"	D	Sand 7; gravel 10; dark clay 22. Water at 7.
GCT	" 80	A. Schnurr	"	Sep. 14, 1966	30	2	55	40	"	D	Coarse gravel 10; brown clay 55; blue clay 60. Water at 55.
GCT	" 80	J. Berwick	"	Aug. 4, 1967	30	15	7	25	"	D	Topsoil 2; blue clay 40; gravel 42. Water at 40.
GCT	" 80	C. Fromon	Lone Star Well Digging	Sep. 8, 1967	30	20	20	5	"	D	Topsoil 3; clay 35; gravel 40. Water at 35.
GCT	" 81	J. Bitschy	McLaughlin Water Well & Supply Ltd.	June 10, 1965	7	15	45	30	"	D	Topsoil 3; brown clay 95; hardpan 99; gravel 100. Water at 100.
GCT	" 81	L. Lauber	Hadco Well Drlg. & Digging	July 21, 1965	30	1	24	11	"	D	Fine gravel 4; caving gravel boulders 10; boulders clay 24; sand gravel 27. Water from 12 to 14 and from 24 to 27.
GCT	" 81	A. Schnurr	Lone Star Well Digging	Sep. 15, 1966	30	3	22	12	"	D	Brown clay 12; gravel 16; brown clay 28. Water at 12.
GCT	" 82	A. Kloepper	R. I. McLaughlin	Feb. 7, 1964	7	12	97	40	"	D, S	Gravel 37; clay hardpan 95; hardpan 123; gravel 125; blue clay hardpan 134; grey limestone 200. Water from 135 to 200.

**APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967**

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	HEAD OF WATER	USE *	LOG AND REMARKS * (depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract										
GCT lot 83	M.Hildenbrandt	Graham Well Drlg	Jan. 7, 1964	6½	15	55	20	Fresh	D,S	Dug well 10; coarse sand 11; grey clay stones 80; fine sand 84; peastone gravel 88. Water at 88.
GCT " 86	W.Harnack	"	Mar. 12, 1964	7	10	75	35	"	D,S	Dug well 21; brown clay stones 45; grey clay 76; light grey clay stones 90; gravel fine sand 100; dark grey rock 110. Water at 110.
GCT " 89	H.Schmitz	C.Hill	May 3, 1965	4	15	45	18	"	P	Sand 50; clay 72; grey blue limestone 135. Water at 135.
GCT " 89	R.Smyniuk	"	Sep. 11, 1965	4	6	70	22	"	D	Sandy clay 81; grey limestone 125. Water at 125.
GCT " 94	A.Baker	Hadco Well Drlg. & Digging Ltd.	Aug. 17, 1967	30	5	23	17	"	D,S	Topsoil 1; brown clay 5; sand gravel 22; blue clay rocks 23. Water at 18.
GCT " 98	L.Kron	"	June 16, 1965					"		Fill 5; gravel 7; boulders clay 25; blue clay rocks 35. Dry hole.
GCT " 98	"	"	June 16, 1965	30	1		6	"	D	Sandy clay 6; sand gravel 8; fine sand 12; clay boulders 17; sandy clay 20. Water from 8 to 12.
GCT " 99	J.Cowbrough	"	Oct. 24, 1967	5	8	35	22	Sulphur	D	Topsoil 1; brown clay 16; blue clay stones 84; grey shale 85; grey limestone 95. Water at 94.
GCT " 100	A.Zinger	Graham Well Drlg	Jan. 7, 1964	5	10	45	30	Fresh	D,S	Dug well 42; grey hardpan stones 98; fine sand 102; peastone gravel 104. Water at 104.
GCT " 100	H.Weiler	"	Oct. 27, 1966	5	20	80	31	"	D,S	Topsoil 15; brown clay 106; grey clay gravel 108; fine sand 110; coarse gravel 112. Water at 112.
GCT " 106	Grobe Nursery Ltd.	F.Straus	Jan. 5, 1965	7	15	40	35	"	P	Dug well 42; brown clay 99; hardpan 112; sand clay 118; hardpan 125; sand 130; gravel 131. Water from 125 to 131.
GCT " 106	G.Grobe	Banes Drlg.	Nov. 11, 1964	30	10		20	"	D	Brown clay boulders 15; grey clay sand seams 25; grey clay 45. Water at 30.
GCT " 108	W.Brohman	Lone Star Well Digging	Apr. 30, 1964	30	5	45	45	"	D	Blue clay 40; blue clay gravel 43. Water at 40.
GCT " 108	"	Banes Drlg. Co.	May 14, 1964	36				"	N	Topsoil sand stone 4; grey clay 20; grey clay sans seams 30; hardpan boulders 36. Insufficient water.
GCT " 108	Hopewell Farms	C.&H. Kerr	Aug. 25, 1965	5	11	70	45	Fresh	C	Stony clay 8; gravel 40; boulder clay 135; blue clay 140; grey limestone 157. Water at 155.
GCT " 110	George & Amussen Ltd.	G.Wallis	Nov. 15, 1965	6½	30	60	29	"	C	Sand gravel stones 15; grey clay sand gravel 45; fine sand gravel 53; cemented sand 75; coarse sand fine gravel 89½. Water at 89½.
GCT " 111	O.Clemmer	R.McLaughlin	Mar. 26, 1964	7	15	80	50	"	D,S	Gravel 16; clay hardpan 40; gravel hardpan 68; clay quicksand 75; clay hardpan 105; blue clay hardpan 115; brown rock 123. Water at 118.
GCT " 111	W. & W Airport	Lone Star Well Digging	Nov. 21, 1967	30	10	8	10	"	D	Brown clay 8; fine stones 14; clay 15. Water at 8.
GCT " 112	Black Top Paving Co. Ltd.	C.&H. Kerr	Mar. 18, 1964	6½	23	65	13	"	C	Gravel 12; hardpan stones 62; limestone 68. Water from 65 to 68.
GCT " 112	"	Kerr's Well Drlg	May 16, 1966	6½	25	28	12	"	C	Gravel 12; hardpan stones 62; blue limestone 69. Water from 65 to 69.
GCT " 114	V.Lacombe	C.Shantz	Jan. 13, 1964	5	8	40	33	"	C	Dug well 23; gravel clay 50; clay gravel 84; gravel sand 87. Water from 84 to 87.
GCT " 114	G.McCulla	"	May 21, 1964	4	5	53	41	"	D	Gravel clay streaks 30; blue clay 40; sand 55; hardpan sand 104; gravel 105. Water at 104.
GCT " 114	H. Mader	W.Packham	Nov. 7, 1964	6½	10	50	5	"	D	Clay stones gravel 45; gravel clay 55; gravel 58. Water at 58.
GCT " 114	R.McLaughlin	McLaughlin Water Wells & Supply	Apr. 15, 1965	5	15	75	40	"	D	Gravel boulders 23; hardpan 117; limestone 120. Water from 117 to 120.
GCT " 114	J.Reinhart	"	Feb. 16, 1966	6½	15	15	3	"	D	Topsoil 1; gravel 10; clay 22; hardpan 62; brown soft shale 68; brown hard rock 70. Water from 68 to 70.

## WATERLOO COUNTY - cont.

## Waterloo Twp. - cont.

## German Company Tract cont.

GCT	Lot 114	L.Clark	Hadco Well Digging Ltd.	Aug.16,1966	30	3	26	Fresh	D	Topsoil 1;brown sandy clay 9;blue clay 32;sand 38;gravel 39; blue clay 40. Water at 32.
GCT	" 114	J.Amy	Lone Star Well Digging	July13,1967	30	5	20	10	"	D Clay 7;sand 25;gravel 27. Water at 25.
GCT	" 115	R.Forwell Ltd.	"	Aug. 4,1964	30	3	30	25	"	D Gravel 25;sand 30;quicksand 35. Water at 25.
GCT	" 115	Kitchener Water Comm.	International Water Supply Ltd.	Nov.14,1966	4	75	9	4	"	T Boulders gravel sand 9;brown sand 18;gravel sand boulders hard packed 28;cemented sand gravel boulders white clay 45.
GCT	" 116	"	"	Nov.18,1966	2	100	8	6	"	T Sandy topsoil 4;boulders gravel sand 12;sandy clay gravel 13; boulders gravel sand clay streaks 26;cemented sand gravel white clay 34;boulders gravel sand 40;bedrock 41.
GCT	" 116	"	"	Nov.30,1966	8	170	15	5	"	T Topsoil 4;boulders gravel sand sandy clay streaks 34;boulders gravel sand white clay 43;bedrock.
GCT	" 116	"	"	Dec.15,1966	2	75	18	4	"	T Sandy topsoil 2;boulders gravel sand 31;cemented sand gravel 46;hard blue shale 47.
GCT	" 116	"	"	Dec.21,1966	2	60	20	6	"	T Topsoil 7;gravel sand boulders 14;boulders gravel sand 24; boulders gravel sand small cemented streaks 34;boulders gravel sand hard packed 36;boulders gravel sand cemented streaks 39;very hard cemented sand gravel 42.
GCT	" 116	R.Briski	Kerr's Well Drlg	May 12,1967	5	15	70	46	"	D Gravel 30;clay gravel 74;blue limestone 84. Water from 80 to 84.
GCT	" 116	E.Thorman	McLaughlin Water Wells Ltd.	Aug. 1,1967	5	15	85	70	"	D Sandy soil 2;gravel 25;clay hardpan 101;hardpan 107;blue rock 120. Water from 107 to 120.
GCT	" 116	Kitchener Water Commission	International Water Supply Ltd.	Jan.17,1967	2			3	"	T Topsoil 4;gravel boulders sand 36. Water at 36.
GCT	" 116	"	"	Jan.18,1967	6				"	T Topsoil 4;gravel boulders sand 18;cemented sand gravel streaked boulders 26. Water at 18 and 26.
GCT	" 116	"	"	Jan.19,1967	2			3	"	T Topsoil 4;gravel sand 15;boulders gravel sand 34. Water at 15 and 34.
GCT	" 116	"	"	Feb. 7,1967	2			3	"	T Brown clay gravel grey clay streaks 10;sand 14;boulders gravel sand mud 35;hard packed white clay mud gravel 46. Water at 14 and 35.
GCT	" 117	"	"	May 19,1964	10				"	T Topsoil 1;sand gravel 8;hardpan 19;cemented gravel 34;limestone 37.
GCT	" 117	"	"	May 22,1964	2			7	"	T Topsoil 1;sand gravel 5;cemented gravel 14;coarse gravel sand boulders clay 20;hard packed gravel clay 25;fractured limestone 29. Water at 14.
GCT	" 117	"	"	May 27,1964	10				"	T Topsoil 1;fine sand 8;yellow sandy clay gravel 27;cemented gravel 29;limestone 33.
GCT	" 117	"	"	May 29,1964	1				"	T Topsoil 2;sandy clay gravel boulders 16;limestone 26.
GCT	" 117	"	"	Aug.21,1964	10				"	T Sand 1;dirty gravel 7;tight packed sand gravel small boulders 26;coarse sand gravel small boulders 30;tight packed sand gravel small boulders clay 34;clay gravel 39;broken rock shale 43;grey white limestone 45. Water at 7.
GCT	" 117	"	"	Aug.25,1964	10				"	T Topsoil 2;dirty sand gravel small boulders 7;coarse sand gravel small boulders clay 10;coarse sand gravel small boulder tight packed streaks 31;gravel clay 35;broken rock shale 40. Water at 7.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	USED OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract GCT lot 117	cont. Kitchener Water Comm.	International Water Supply Ltd.	Aug.31,1964	10					T 11-64	Topsoil 2;brown sandy clay 13;hard brown sandy clay gravel 29; coarse sand fine gravel 35;coarse sand gravel small boulders 36;broken rock shale 40. Water at 29.
GCT " 117	"	"	Sep. 2,1964	10					T 12-64	Topsoil 2;sandy clay gravel 6;dirty gravel small boulders 11; coarse sand gravel small boulders 15;coarse sand fine gravel 17;coarse sand gravel small boulders 21;tight packed sand gravel small boulders 26;broken rock shale 30.
GCT " 117	"	"	Sep.10,1964	10					T 13-64	Topsoil 2;sandy clay 5;coarse sand gravel small boulders 22; tight packed sand gravel small boulders 27;broken rock shale 29.
GCT " 117	"	"	Sep.15,1964	10					T 14-64	Topsoil 2;sandy clay boulders 4;dirty sand gravel boulders 8; coarse sand gravel small boulders 21;tight packed sand gravel boulders 22;sand gravel boulders 27;broken rock 27 1/2.
GCT " 117	"	"	Sep.17,1964	10					T 15-64	Topsoil 2;sandy clay boulders 4;dirty sand gravel boulders 8; sand gravel boulders 18;tight packed sand gravel boulders pieces clay 26. Water at 8.
GCT " 117	"	"	Sep.18,1964	10					T 16-64	Topsoil 2;sandy clay 4;dirty sand gravel boulders 8;sand gravel boulders tight packed streaks 27. Water at 8.
GCT " 117	"	"	Oct. 8,1964	10					T 17-64	Topsoil 2;sandy clay gravel boulders 5;dirty sand gravel boulders 8;coarse sand gravel small boulders 20;sand gravel boulders tight packed streaks 27.
GCT " 117	"	"	June14,1965	10	160	4		Fresh	T 11-65	Coarse fine gravel sand 6;grey clay gravel 12;coarse fine gravel sand silt clay 19;yellow stony clay 21;grey limestone 22. Water at 19.
GCT " 117	"	"	June21,1965	10	25		1	"	T 12-65	Coarse gravel boulders sand 4;silty clay gravel 11;coarse fine gravel sand clay 19;yellow stony clay 20. Water at 11.
GCT " 117	"	"	July 9,1965	12	264	15	2	"	T 13-65	Coarse fine gravel boulders sand 4;silty clay gravel 12;coarse fine gravel sand clay 19;yellow clay gravel 20. Water at 12.
GCT " 119	J.Cuturic	Kerr's Well Drlg	June30,1966	5	15	180	132	"	D	Sand 65;hardpan 105;boulders clay 132;hardpan 185;limestone 195. Water at 195.
GCT " 120	Kitchener Water Comm.	International Water Supply Ltd.	Nov. 9,1966	1 1/2	5	10	4		T 34-66	Sand 1;boulders gravel sand 18;brown grey clay 20;blue hard clay 24;blue sandy soft clay 34;red grey clay 38;bedrock. Water at 18.
GCT " 121	Forwell Sand & Gravel Ltd.	Hadco Well Digging Ltd.	Aug. 6,1964	27 1/2	7 1/2	54	22	Fresh	In	Sand gravel 6;brown clay rocks 22;sand gravel 26;blue clay stones 49;blue fine gravel 55;red clay hardpan 56. Water at 6, 22 and 49.
GCT " 121	A.Metzloff	McLaughlin Water Wells & Supply	Jan.12,1965	6 1/2	15	45	30	"	D	Dug well 14;gravel hardpan 51;clay 60;hardpan 63;gravel 65 1/2. Water from 63 to 65.
GCT " 121	Kitchener Water Comm	International Water Supply Ltd	Nov. 3,1966	2			3	"	T 33-66	Sand 3;boulders gravel sand 13;red grey clay 14;red grey clay gravel 30;bedrock. Water at 13.
GCT " 121	F.Schew	Hadco Well Drlg. & Digging Ltd.	Aug.17,1967	30	4	22	14	"	D	Topsoil 2;brown clay 2;brown sand 13;gravel 16;blue clay 25. Water at 13.
GCT " 121	E.Hasold	Lone Star Well Digging	Oct.11,1967	30	5	22	19	"	D	Clay 19;coarse gravel 25. Water at 19.
GCT " 122	Thermo Heating Contractors Ltd.	McLaughlin Water Wells & Supply Ltd.	Feb. 2,1965	5	15	54	43	"	C	Well pit 5;sand 15;clay hardpan 45;gravel 46;clay 95;hardpan stones 118;limestone 120. Water from 119 to 120.
GCT " 123	Kearns Real Estate Ltd.	R.McLaughlin	Mar.13,1964	6 1/2	32	71	65	"	C	Clay stones 11;gravel 20;brown sand 51;grey clay stones 94; gravel 96. Water at 96.

WATERLOO COUNTY - cont.  
 Waterloo Twp. - cont.  
 German Company Tract

		cont.									
GCT	lot 123	Forwell Gravel Ltd.	W.Packham	Sep.28,1964	6½	30	50	35	Fresh	C	Sand gravel 20;sandy clay gravel 50;silty clay 70;hardpan 85; rock 90. Water at 85.
GCT	" 123	M.Young	F.Straus	Feb.16,1965	5	15	60	55	"	In	Hardpan 19;clay stones 81;loose hardpan 116;grey rock 123. Water from 116 to 123.
GCT	" 123	Tri-crete Ltd.	C.Shantz	May 6,1966	5	15	79	51	"	C	Fill 2;gravel 26;silty clay 49;clay 55;clay gravel 62;brown clay 109;broken rock 114;grey rock 124. Water from 114 to 124.
GCT	" 123	Forwell Gravel Ltd.	W.Packham	Nov.22,1966	6½	30	70	40	"	C	Sand gravel 25;clay 65;hardpan 90;sand gravel 93. Water at 93.
GCT	" 123	Unit Step of Kitchener	"	Nov.26,1967	6½	25	70	45	"	C	Clay 8;sand gravel 30;muddy sand gravel 98;shale 106. Water at 103.
GCT	" 124	R. Pfeffer	McLaughlin Water Wells & Supply Ltd.	Dec. 7,1964	7	10	90	35	"	D	Dug well 45;clay hardpan 90;gravel 103;gravel 105. Water at 103.
GCT	" 124	O.Sass	"	July 16,1965	6	10	54	35	"	D	Topsoil 1;gravel boulders 14;clay stones 30;hardpan clay 69; hardpan 80;clay hardpan 99;gravel 100. Water at 100.
GCT	" 124	Sunbridge Development Ltd.	W.Packham	Sep. 9,1965	6½	20	40	28	"	D	Clay small gravel 100;sand gravel 105. Water at 105.
GCT	" 124	Kitchener Water Comm.	International Water Supply Ltd	Feb.25,1966							Sandy topsoil 3;sand gravel boulders 12;sandy grey clay gravel 18;sandy grey clay gravel streaks 54.
GCT	" 124	M.Bowyer	Hadco Well Digging Ltd.	Nov.19,1966	30	2	56	42	"	D	Topsoil 1;gravel sand 10;blue clay stones 42;sand clay rocks 51;blue clay rock 56. Water at 43.
GCT	" 124	R.Koepke	"	Aug.22,1967	30						Sand gravel 20;hardpan 60. Dry hole.
GCT	" 124	H.Dehn	Kerr's Well Drlg	Oct.16,1967	6½	15	45	32	"	D	Clay gravel 12;stones blue clay 98;fine gravel 109. Water from 105 to 109.
GCT	" 124	R.Koepke	Lone Star Well Digging	Nov.17,1967	30	5	40	22	"	D	Topsoil 2;gravel 22;blue clay 51. Water at 22.
GCT	" 125	Kitchener Water Comm.	International Water Supply Ltd.	Feb.15,1966	2			6		T	Sand 9;sand gravel boulders 15;grey clay 22. Water at 6 to 9.
GCT	" 125	"	"	Feb.11,1966	2			7		6-66	Sand 10;gravel boulders sand 15;grey sticky clay 36;silty grey clay small streaks gravel 40;grey clay gravel 45;grey clay gravel streaks 62;sand gravel clay streaks 76;gravel boulders sand clay streaks 87;limestone. Water at 7 and 62.
GCT	" 125	"	"	Feb.16,1966	2			6		T	Sand 9;sand gravel boulders 18;grey clay 22. Water at 6 to 7.
GCT	" 125	"	"	Feb.17,1966	2			7		7-66	Dirty sand 7;sand gravel boulders 12;sandy grey clay gravel streaks 22. Water at 7.
GCT	" 125	"	"	Feb.22,1966	2			6		T	Dirty sand 3;gravel sand boulders 13;sandy grey clay gravel 34;sandy grey clay gravel streaks hard packed. Water at 6.
GCT	" 125	"	"	Feb.18,1966	2			5		10-66	Dirty sand 9;sand gravel boulders 16;grey clay gravel streaks 26;sandy grey clay gravel 34;grey clay hard streak 54. Water at 5.
GCT	" 125	"	"	Feb.24,1966	2			6		9-66	Sand 4;sand gravel boulders 15;sandy grey clay gravel streaks 28;sandy grey clay gravel streaks 53. Water at 6.
GCT	" 125	J.Riddell	Hadco Well Digging Ltd.	Aug.12,1966	30	2	27	12	Fresh	D	Brown sandy clay 5;gravel sand 12;blue clay 26;gravel 28. Water at 12 and 26.
GCT	" 126	J.Beirnes	R.McLaughlin	Jan.20,1964	7	15	50	43	"	D,S	Topsoil 1;gravel 14;clay 20;clay hardpan 95;loose hardpan 110;gravel 114. Water at 110.
GCT	" 128	L.Shantz	A.Earley	Nov. 9,1964	4	11	25	12	"	D	Sandy clay 4;sand 6;gravel clay 25;gravel 30;gravel stones 41;limestone 67;light blue rock 77. Water at 45 and 77.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
( depths to which formations extend below the surface are given in feet )										
WATERLOO COUNTY - cont. Waterloo Twp. - cont. German Company Tract cont.										
GCT lot 129 GCT " 133	R.Hinsperger Kitchener Water Comm.	C.&H. Kerr International Water Supply Ltd.	Nov.16,1965 Oct.19,1965	5 2	15	95	78 215	Fresh	D,S T 26-65	Dug well 32;hardpan 86;fine gravel 99. Water from 95 to 99. Topsoil 3;sand 18;sand gravel 19;dirty sand 39;sandy grey clay 56;brown clay 87;sandy grey clay brown clay streaks 169;brown clay 174;grey clay 177;sandy grey clay 196;sandy grey clay small gravel streaks 212;red grey clay 259;sandy brown clay gravel hard packed 291;sandy grey clay gravel hard packed 336. Topsoil 1;fill 6;gravel 27;stone 35;sand stone 65;sand hardpan 225;sand grey clay 235;grey clay 270;clay gravel 325;sand gravel 338;sand gravel 340. Water from 338 to 340.
GCT " 139	G.Woelfle	McLaughlin Water Wells & Supply Ltd.	Dec.14,1966	5	10	190	175	Fresh	D	Sandy brown clay 6;sand gravel boulders 35;sandy brown clay 50;sand gravel brown sandy clay 79;gravel boulders sand hard packed 92;coarse gravel boulders sand 111;gravel boulders sand hard packed 127;gravel 127;coarse gravel boulders sand 142; fine gravel sand clay 158;sandy brown clay 168;gravel sand boulders clay streaked 185;grey hard clay 203. Water at 97.
GCT " 140	Kitchener Water Comm.	International Water Supply Ltd.	Sep.21,1965	2	4		97	"	T 23-65	Loam boulders 4;hardpan 8;coarse sand 15;coarse gravel sand 17. Water at 8.
GCT " 141	W.Bubrick	Banes Drlg. Co.	Nov.16,1964	30	10		10	Fresh	D	Brown clay 13;grey clay 18;brown sand 28;sand gravel boulders 45;sandy clay 59;brown clay 67;sand gravel boulders 89;sandy grey clay 99;brown clay 111;grey clay 118;sandy brown clay 140;sand gravel clay streaked 156;grey clay 218;sandy grey clay gravel hard packed 323;cemented sand gravel 326;sandy grey clay harder streaks 341;blue shale 348. Water at 140.
GCT " 141	"	"	Aug.26,1965					"	T 20-65	Brown clay 6;sand 10;gravel sand boulders 23;grey clay 54; grey hard clay 74;sandy grey clay 79;sand gravel clay 94; gravel sand boulders clay 99;gravel sand clay streaks 135;grey clay soft hard streaks 176;dirty gravel sand boulders hard packed 190;sandy grey clay gravel streaks 193;cemented sand gravel 218;sandy clay hard gravel 296;brown limestone 303. Sandy clay 5;gravel boulders sand 21;brown clay 35;sand gravel clay streaks 62;sand 78;sand gravel streaks 82; gravel boulders sand hard packed streaks 93;gravel sand boulders 128;sandy red grey clay gravel streaks 145;grey clay 160;grey clay gravel streaks 208;sandy grey clay gravel streaks 285;cemented sand gravel 286. Water at 80.
GCT " 141	"	"	Sep.14,1965	2	7		80	Fresh	T 22-65	Fit 5;clay gravel 65;sand 150;sand gravel 160;sandy clay 170;hardpan 260;sand 305;sand gravel 325;hardpan 345;shale 348. Water at 148.
GCT " 143	E.Henhoeffer	W.Packham	Sep.15,1964	6 1/2	20	130	120	Fresh	D,S	Well pit 8;gravel sand 32;gravel boulders clay 40;clay gravel 70;gravel clay 90;clay gravel 108;silty quicksand clay 110; brown clay 139;silty sandy clay gravel 276;sand 277. Water from 276 to 277.
GCT " 149	A.Doehn	McLaughlin Water Wells & Supply Ltd.	Apr.27,1967	7	10	150	72	"	D,S	Topsoil 1;brown sand 6;grey sand clay 40;hardpan gravel 111; gravel 112. Water from 111 to 112.
GCT " 152	I.Cober	"	Jan.10,1967	7	12	100	98	"	D	Topsoil 1;sandy clay 4;clay 36;silty sandy clay 72;dirty gravel 142;sand gravel 150. Water from 142 to 150.
GCT " 157	G.Reist	C.Shantz	Oct.15,1965	7	20	88	72	"	D,S	Silty sand 60;clay 95;sand 102. Water from 99 to 102.
GCT " 159	H.Kebrenn	Kerr's Well Drlg.	May 20,1967	5 1/2	8	99	66	"	D	

WATERLOO COUNTY - cont.

Waterloo Twp. - cont.

Heistands Tract	HT	F. Seip	Lone Star Well Digging	Aug. 17, 1964	30	3	30	25	Fresh	D	Sand 25; coarse sand 33; clay 35. Water at 25.	
	HT	E. Henhoeffler	W. Packham	Sept. 15, 1964	6½	20	35	21	"	D, S	Topsoil sandy loam 15; sandy clay 35; sand gravel 40; gravel 45. Water at 45.	
	HT	A. Heemskerck	McLaughlin Water Wells & Supply Ltd.	Sept. 29, 1964	7	10	5	4	"	D	Pit 10; sand 35; sand clay 52; gravel 53. Water at 52.	
Horning's Tract	HT	H. Klassen	"	Aug. 25, 1965	7	10	55	40	"	D	Soil 3; clay gravel 25; clay 100; clay gravel 119; gravel 120. Water at 120.	
James Wilson Tract	JWT	Kitchener Water Comm.	International Water Supply Ltd.	Oct. 4, 1967	6						Brown clay 8; boulders gravel sand 13; grey clay 15; silty grey clay 17; grey clay gravel streaks 30; grey clay 35; grey clay hard packed 40; grey clay sandy gravel streaks 62; cemented sand gravel 64; grey clay sandy gravel streaks hard packed 83. limestone.	
	JWT	lot 5	R. Weber	McLaughlin Water Wells & Supply	Sept. 29, 1964	7	10	100	75	Fresh	D	Fill soil 5; sand 15; clay 25; hardpan 128; gravel 129. Water at 128.
	JWT	" 5	Snyderdale Farms Ltd.	Graham Well Drlg.	Nov. 27, 1967	5	20	58	32	"	D, S	Topsoil 2; dark brown clay gravel 20; light brown clay gravel 137; dark grey rock 145; grey brown rock 173; light grey rock 203. Water at 180, and 195.
	JWT	" 6	Kitchener Water Comm.	International Water Supply Ltd.	Sept. 19, 1967	6				"	T	Topsoil 4; boulders gravel sand 25; sandy grey clay 50; cemented sand gravel 56; clay 79; grey brown clay 85; blue clay gravel 87; limestone. Water at 25.
	JWT	" 6	"	"	Sept. 21, 1967	6				"	T	Topsoil 8; boulders gravel sand 15; grey clay 27; brown clay 64; grey clay gravel 69; brown clay gravel streaks 81; gravel sand clay 86; brown clay 89; blue shale 92; limestone.
	JWT	" 6	"	"	Sept. 27, 1967	2	65	3½	Flows	Fresh	T	Brown clay 8; gravel sand boulders 15; grey clay 37; fine sand 41; grey sandy clay 47; grey clay gravel streaks 55; boulders gravel sand clay 78; grey clay gravel streaks hard packed 88; bedrock. Water at 15 and 88.
	JWT	" 8	G. Scheidel	McLaughlin Water Wells & Supply Ltd.	Oct. 28, 1964	7	15	80	75	Iron	T	Soil 4; clay stone 8; clay 100; hardpan 140; gravel 142; hardpan 151; gravel 154; rock. Water at 153.
	JWT	" 8	"	"	Dec. 30, 1964	7	10	70	35	"	T	Soil 2; sand 5; gravel 15; clay 65; hardpan 115; sand 120; gravel 122; hardpan. Water at 120.
	JWT	" 8	P. Henke	Hadco Well Drlg. & Digging Ltd.	Aug. 3, 1967	30	3	19	8	Fresh	D	Topsoil 1; brown clay 4; sand gravel 11; blue clay 25. Water at 8.
Middle Block	MB	lot 1	E. Moyer	P. Straus	Jan. 27, 1965	7	15	50	45	"	D	Clay stones 42; hardpan 61; clay 72; hardpan 94; gravel 95. Water from 94 to 95.
	MB	" 1	R. Schanz	A. Earley	Apr. 15, 1967	5	10	15	9	"	D	Gravel 10; sand 28; limestone 71. Water at 68 and 71.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
(Depth to which formation entered below the surface are given in feet)										
WATERLOO COUNTY - cont.										
Wellesley Twp. East Section										
ES Con A lot 2	H. Klenk	F. Straus	Apr. 26, 1967	5	20	160	135	Fresh	D	Topsoil 2; sand 71; clay 82; hardpan 140; sand clay streaks 201; clay 275; loose hardpan 326; clay sand 341; gravel 346. Water from 341 to 346.
ES Con A "	3 J. Heipel	F. Straus	Dec. 15, 1965	5	15	62	55	Fresh	D, S	Topsoil 2; sand clay 35; clay 81; quicksand 126; clay 176; hardpan 221; gravel 224. Water at 224.
ES Con A "	11 H. Huehn	R. McLaughlin	Apr. 3, 1964	5	20	68	65	"	D	Clay 22; quicksand 43; clay 60; clay quicksand 99; blue clay 138; hardpan 200; red clay 206; hardpan 230; sand clay 281; brown rock 285. Water at 282.
ES Con A "	12 G. Metzger	Hadco Well Digging Ltd.	Apr. 23, 1965	30	4	24	18	"	D	Topsoil 1; brown clay 3; brown sand stony clay 20; gravel 24. Water at 20.
ES Con A "	14 E. Wolfe & F. Wolfe	F. Straus	June 13, 1966	5	35	200	115	Sulphur	C	Topsoil 2; brown clay 41; dirty sand 59; hardpan 68; brown clay 90; hardpan 131; brown clay 163; dirty sand 191; gravel 196; hardpan 225; blue soapstone 256; hardpan 260; sand 262; hard blue rock 384. Water from 350 to 380.
ES Con A "	23 S. Martin	G. Davidson	June 3, 1964	4	7	150	111	Fresh	D, S	Dry well 5; sand 9; quicksand 38; blue clay 105; sand 110; hardpan 185; sand gravel 210; blue shale 238; brown rock 244. Water at 244.
ES Con I "	13 N. Leis	McLaughlin Water Wells & Supply	Jan. 30, 1967	7	15	30	Flows	"	D	Fill 3; clay 120; clay pebbles 140; sand 148; gravel 144. Water from 143 to 144.
ES Con I "	13 J. Lies	F. Straus	Nov. 28, 1967	5	18	3	2	"	D	Topsoil 2; brown clay 120; quicksand 153; sand clay 179; gravel 180. Water from 179 to 180.
ES Con I "	13 O. Gerber	McLaughlin Water Wells & Supply	Feb. 24, 1967	7	15	40	30	"	D	Topsoil 2; grey clay streaks sand 120; fine dirty sand 145; sand 153. Water from 145 to 153.
ES Con II "	12 E. Kennell	"	Mar. 8, 1967	7	15	50	35	"	D	Dug well 28; clay 130; sand clay 145; sand 158. Water from 150 to 158.
ES Con II "	12 Wellesley Twp. School Area Board	Hadco Well Digging Ltd.	Feb. 11, 1966	5 1/2	20	70	40	"	P	Sandy clay 5; brown sand 12; soft brown clay 38; grey clay 120; sandy grey clay 191; grey rock 200; boulders gravel sand 215. Water from 200 to 215.
ES Con II "	14 B. Puther	F. Straus	Oct. 6, 1967	5	15	28	27	"	D	Topsoil 2; clay 51; hardpan 86; dirty sand 93; clay 170; hardpan 179; sand 188. Water at 27 and 48.
ES Con III "	7 Esbaugh Bros	"	Jan. 24, 1966	5	15	75	72	"	D, S	Blue clay 90; sand clay 111; brown clay 260; hardpan 281; brown rock 291. Water from 281 to 291.
ES Con IV "	2 J. Lorentz	McLaughlin Water Wells & Supply	Mar. 22, 1965	5	10	140	75	"	D	Soil 3; clay quicksand 165; clay 185; hardpan sand 296; grey rock 301. Water from 298 to 301.
ES Con IV "	3 Jahn & Koch	Kerr's Well Drlg.	Mar. 21, 1966	4	18	155	133	"	D, S	Clay 25; sand 80; brown clay 235; gravel 236; clay 280; hardpan 320; gravel 325. Water from 322 to 325.
ES Con IV "	4 C. Pagel	Hadco Waterwell Drlg. Co. Ltd.	Dec. 10, 1964	7	20	200	110	"	D, S	Clay sand 208; clay 220; sand 221; clay 235; shale 248; rock 255; clay 265; rock 280; gravel 288; sand rock 304. Water from 280 to 288.
ES Con IV "	5 J. Davenport	"	Sep. 10, 1966	5 1/2	10	90	55	"	S	Brown clay sand 20; blue clay sand 35; sand 80; sandy clay 105; blue clay 218; brown rock 260; blue clay 268; gravel 272. Water at 268.
ES Con V "	2 E. Frohlich	McLaughlin Water Wells & Supply	Sep. 27, 1965	5	3	145	18	"	D	Topsoil 1; clay 70; clay quicksand 80; clay streaks sand 142; fine sand 155. Water from 142 to 155.
ES Con V "	3 H. Kieswether	F. Straus	July 11, 1966	7	15	18	16	"	D	Fill 5; blue clay 60; hardpan 79; sand 84; clay 86. Water from 79 to 84.
ES Con V "	3 F. Jessop	McLaughlin Water Wells & Supply	Oct. 18, 1967	5	15	96	87	"	D	Topsoil 1; brown clay 30; brown clay sand streaks 130; fine sand clay streaks 255; hardpan quicksand streaks 261; hardpan stones 285; hardpan 312; grey limestone 345. Water from 315 to 345.
ES Con V "	7 A. Reichert	R. McLaughlin	Mar. 24, 1964	5	12	186	180	"	D, S	Topsoil 1; sand clay 18; sand gravel 57; coarse gravel 84; hardpan 145; clay hardpan 260; hardpan 321; loose hardpan 329; gravel 330. Water at 329.

WATERLOO COUNTY - cont.  
Wellesley Twp. - cont.  
East Section cont.

ES Con VI	lot 5	D. Martin	Sauder & Martin	Oct. 13, 1967	4	3	90	33	Fresh	D	Red clay 26; quicksand 46; blue clay 119; medium sand 123. Water from 119 to 123.
ES Con VI	" 8	E. Hackbart	C. & H. Kerr	June 24, 1964	4	10	160	135	"	D, S	Clay 62; sandy clay 90; clay 124; hardpan 145; clay 200; sand clay 237; hardpan 320; shale 329; limestone 341. Water at 341.
ES Con VII	" 2	M. Menes	Hadco Well Digging Ltd.	Sep. 30, 1965	30	1		15	"	D	Clay boulders 5; sandy clay 12; grey sand 22. Water from 16 to 22.
ES Con VII	" 2	L. Steinberg	McLaughlin Water Wells & Supply	Sep. 23, 1966	5	12	30	30	"	D	Topsoil 3; clay 102; quicksand 155; clay sand 255; hardpan 259; brown rock 260. Water from 259 to 260.
ES Con VII	" 3	L. Meyer	W. Packham	Feb. 14, 1964	5	25	55	50	"	D	Dug well 39; sandy clay 75; quicksand 135; hard clay 190; clay small stone coarse gravel 220; hard clay 250; silty sand 270; sand gravel 275; gravel 278. Water at 278.
ES Con VII	" 3	H. Kuntz	F. Straus	June 18, 1965	5	14	66	58	"	D	Topsoil 2; clay 21; sand 90; hardpan 116; sand 128. Water from 116 to 128.
ES Con VII	" 5	C. Kroetsch	McLaughlin Water Well & Supply	Aug. 26, 1964	5	15	103	94	"	D, S	Topsoil 2; clay 127; quicksand 148; hardpan 219; dirty sand 230; stony clay 283; gravel 284. Water at 284.
ES Con VII	" 6	S. Martin	F. Straus	June 1, 1967	7	15	43	41	"	D, S	Fill 2; clay 39; hardpan 56; clay 73; hardpan 80; gravel 86; clay 89. Water from 80 to 86.
ES Con VII	" 10	A. Charest	C. Shantz	June 22, 1966	7	12	85	65	"	D	Topsoil 2; sandy clay 25; dirty sand 42; sand 68; silty sand 77; sand 103. Water from 77 to 103.
ES Con VIII	" 2	A. Lorentz	F. Straus	Sep. 30, 1966	5	12	41	33	"	D	Topsoil 2; clay 35; quicksand 38; clay 135; sand 145. Water from 135 to 143.
ES Con VIII	" 3	E. Lorentz	"	July 16, 1965	5	12	121	78	"	D, S	Clay 130; sand clay 150; stony clay 239; hardpan 260; brown rock 270. Water at 267.
ES Con VIII	" 3	St. Clements Separate School	"	Feb. 24, 1966	8	32	25	22	"	P	Sand 17; clay 24; sand clay 101; hardpan 105; gravel 108. Water from 105 to 108.
ES Con VIII	" 5	A. Martin	"	June 4, 1965	5	15	71	65	"	D, S	Topsoil 3; clay sand 21; clay 100; sand clay 121; clay 196; hardpan 240; gravel 243. Water at 243.
ES Con VIII	" 6	E. Lorentz	"	June 29, 1967	5	12	105	96	"	S	Clay 67; hardpan 87; sand 135; clay 200; hardpan 234; sand 254; gravel 267. Water from 254 to 267.
ES Con VIII	" 9	E. Sherk	Sauder & Martin	Dec. 5, 1965	4			2	"	N	Brown clay 8; quicksand 120; tough gumbo clay 122. Water from 8 to 120.
ES Con VIII	" 6	J. Horst	"	Nov. 6, 1965	4	12	15	24	"	D	Soft blue clay 60; blue clay coarse sand 118; boulder 119; fine sand blue clay 126; brown sand 136; large coarse sand 137; sand 138. Water at 138.
ES Con IX	" 6	E. Lorentz	F. Straus	July 26, 1965	5	15	60	27	"	D, S	Drive way 3; clay 15; clay sand 41; clay 113; loose hardpan 137; clay 195; brown rock 210. Water at 208.
ES Con X	" 2	E. Steckle	McLaughlin Water Well & Supply	Dec. 11, 1964	5	15	20	Flows	"	D, S	Soil 2; clay 40; clay hardpan 140; quicksand 145; hardpan 162; gravel 163. Water from 162 to 163.
ES Con XII	" 1	J. Bowman	Sauder & Martin	May 20, 1966	4	500	6	12	"	D, S	Bough stony gravel 18; brown clay 22; coarse sand 34. Water at 34.
ES Con XII	" 2	E. Martin	Hadco Well Digging Ltd.	Oct. 24, 1966	5	16	60	45	"	D	Brown clay 15; blue hardpan 20; blue clay stones 90; sand gravel 95; gravel 105. Water at 105.
ES Con XII	" 2	I. Frey	Sauder & Martin	July 4, 1967	4	8	80	52	"	D	Red clay 24; blue clay 38; stony blue clay 42; blue clay 51; blue clay coarse sand 84; sand 92. Water from 84 to 92.
ES Con XIII	" 5	A. Hoover	"	Sep. 30, 1966	4	10	41	36	"	D, S	Red clay 14; blue clay 81; hardpan 85; medium fine brown sand 88. Water from 85 to 88.
ES Con XIV	" 2	H. Martin	Lone Star Well Drilling	July 15, 1966	30	10	40	40	"	D	Light grey clay 52; gravel 54. Water at 52.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	WIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation entered below the surface are given in feet)
WATERLOO COUNTY - cont. Wellesley Twp. - cont. East Section cont.										
ES Con XIV lot 3	A. Weber	Sauder & Martin	Oct. 24, 1967	4	15	10	9	Fresh	D, S	Rough stony 32; blue clay 73; hardpan 76; brown clay 89; clay coarse sand 107; medium fine sand 114. Water from 109 to 114.
ES Con XIV " 4	O. Martin	Badco Well Digging Ltd.	June 28, 1965	30			34	"	D	Clay 35; clay boulders 65; sand 67; clay 75; sandy clay 83. Water from 65 to 67 and from 70 to 80.
ES Con XIV " 5	D. Bauman	Sauder & Martin	May 6, 1967	4	10	74	69	"	D	Brown clay 29; blue clay 65; sand 66; sandy hard clay 87; gumbo 110; hardpan 120; sandy clay 137; medium fine sand 143. Water from 137 to 143.
West Section WS Con II " 7	O. Leis	Steinman & Baird	Mar. 20, 1964	4	15	106	97	"	D, S	Clay 25; sandy clay 39; grey clay 58; dirty gravel 69; grey clay 126; gritty hardpan 178; clay 193; sand clay 236; sandy gravel 244. Water at 243 to 234.
WS Con III " 4	A. Yost	"	May 25, 1965	5	15	74	62	"	D, S	Grey clay 97; brown clay 126; sand 132; gritty clay 163; dirty sand gritty clay 174; clay 196; hardpan brown clay 245; dirty sand 266; clay 329; brown broken shale 334. Water from 330 to 334.
WS Con IV " 6	J. Erb	"	Dec. 28, 1964	4	17	70	50	"	D, S	Brown clay 10; grey clay 76; hardpan 94; gritty hardpan stones 114; slab limestone 136; gritty hardpan 177; broken rock 181; brown limestone 193. Water at 193.
WS Con V " 4	A. Fleischauer	F. Ince	Oct. 29, 1965	6 1/2	10	90	22	"	D, S	Brown clay 20; stony clay 163; limestone 172. Water at 170.
WS Con V " 11	E. Nikelski	McLaughlin Water Wells & Supply	Aug. 30, 1966	5	10	100	80	"	D, S	Topsoil 1; clay 80; hardpan 236; clay hardpan 257; hardpan 259; sand 267; gravel 270. Water from 268 to 270.
WS Con VI " 2	A. Kuepfer	W. Hopper & Sons	Oct. 7, 1964	4	9	60	40	"	D, S	Topsoil 1; yellow clay 12; dirty gravel 15; blue clay 60; hardpan 150; limestone 155; light brown limestone 204. Water from 190 to 204.
WS Con VI " 4	E. Wagler	Sauder & Martin	Aug. 17, 1966	4	8	70	37	"	D, S	Quicksand 29; blue clay 40; soft clay quicksand 58; hard clay coarse sand 91; hardpan 93; stony clay 105; sandy brown clay 132; brown clay 145; soft brown clay 150; hardpan 151; medium fine sand 154. Water from 151 to 154.
WS Con VI " 8	P. Potje	Steinman & Baird	Apr. 23, 1964	4	16	85	73	"	D, S	Brown clay 18; grey clay 79; hardpan 169; brown clay 188; grey clay 236; hardpan 250; blue clay 263; layers blue shale clay 272; blue shale brown limestone 276; brown limestone 277. Water from 276 to 277.
WS Con VII " 6	J. Sehr	Ladco Drig	Aug. 26, 1967	4	8	95	88	"	D, S	Clay rocks 88; clay sand layers 114; clay rocks 265; cemented gravel 278; clay rocks 290; brown rock shale layers 300. Water from 294 to 296.
WS Con VIII " 3	K. Miller	Steinman & Baird	Apr. 1, 1965	4	15	113	99	"	D, S	Brown sandy clay 10; brown gritty hardpan 28; brown gritty clay 60; grey gritty clay 130; gritty hardpan 211; brown limestone 217; hardpan 261; layers blue shale limestone 280; brown limestone 288. Water from 282 to 288.
WS Con IX " 2	G. Crummer	G. Davidson	June 18, 1964	4	12	110	97	"	D, S	Clay 10; sand 41; sand gravel 93; blue clay 130; sand 155; hardpan 208; loose rock 219; grey rock 251. Water at 261.
WS Con IX " 12	P. Sherer	E. Martin	June 12, 1964	4	15	56	52	"	D, S	Sand 38; blue clay 95; stony hardpan 190; hard clay 200; coarse sand 202; shale 209. Water from 200 to 202.
WS Con X " 7	C. Martin	"	Oct. 29, 1964	4	10	93	91	"	D, S	Brown clay 18; blue clay 27; quicksand 40; blue clay 85; hardpan 207; sandstone 240; quicksand 250; hard clay 265; hardpan 268; medium sand 272. Water at 240 and 268.
WS Con X " 9	U. Brenner	G. Davidson	Feb. 18, 1964	4	11	118	100	"	D, S	Clay 18; quicksand 98; clay 128; sand gravel 146; stony hardpan 262; sand 274; blue medium hard rock 304. Water at 304.



WATERLOO COUNTY - cont.  
Wellesley Twp. - cont.  
West Section cont.

WS Con X	lot 9	Wellesley Twp School Area Board	Hadco Well Digging Ltd.	Jan.14,1966	5	28	190	70	Fresh	P	Clay 20;brown sand 72;brown clay 91;boulders 96;clay boulders 165;blue clay 195;brown rock 225;grey rock 240. Water from 225 to 240.
WS Con XI	" 6	A.Duskocy	F.Straus	Aug.26,1965	5	12	72	60	"	D,S	Clay 100;hardpan 135;clay 170;hardpan 231;dirty sand 253; brown rock 265. Water from 257 to 259.
WS Con XI	" 8	W.Runstedler	G.Davidson	June 18, 1965	4	10	110	80	"	D,S	Topsoil 1;clay 40;sand 94;bridging clay 123;sand gravel 128; hardpan 170;clay 202;clay stones 262;brown white shale 264; brown soft shale 288. Water at 288.
WS Con XI	" 9	H.Steinfieldt	Lone Star Well Digging	Oct.29,1965	30	5	10	5	"	D	Blue clay 15;coarse sand 18;blue clay 20. Water at 15.
WS Con XIII	" 10	W.McCormick	G.Davidson	Nov.25,1964	4	10	70	70	"	S	Dug well 46;blue clay 60;hardpan 95;sand 110;hardpan clay 141; hardpan sand 200;hardpan 205;blue shale 217;brown rock 245. Water at 245.
WS Con XIV	" 2	A.Martin	McLaughlin Water Wells & Supply	July 6,1964	5	18	85	82	"	D,S	Topsoil 2;clay 20;hardpan 34;quicksand 46;clay 81;hardpan 113;clay 161;hardpan 171;gravel 176. Water at 176.
WS Con XIV	" 7	N.Bauman	Sauder & Martin	Dec.16,1966	4	6	105	83	"	D	Red clay 12;blue clay 70;bluish clay coarse sand 137;hardpan 145;bluish clay 174;stone hard greenish clay soft shale 219; hardpan 222;coarse sand 223. Water at 223.
WS Con XIV	" 19	J.Groh	J.Groh	Dec.10,1964	4	8	99	96	"	C	Brown clay 18;blue clay 46;hard blue sandy clay 104;red clay 115;hardpan 131.
BRN	lot 1	H.McCallum	Kerr's Well Drig.	Nov.21,1966	5	15	97	77	Fresh	D	Clay 48;stony clay 72;gravel 99;coarse sand 104. Water from 99 to 104.
BRN	" 4	Kitchener Water Comm.	International Water Supply Ltd.	Nov.18,1965						T 41-65	Brown clay 9;grey clay 18;silt fine sand 45;grey clay 58;fine sand fine gravel silt 95;grey clay 109;fine sand silt fine gravel 120;grey clay 146;grey clay small gravel streaks 162; sandy grey clay gravel streaks 183;sandy grey clay gravel hard packed 189;sandy grey clay small gravel streaks 230;sandy grey clay gravel hard packed 237;silt 238;sandy clay gravel hard packed 269;limestone.
BRN	" 6	"	"	Nov.15,1965						T 40-65	Brown clay 3;grey clay gravel 69;fine sand silt fine gravel 73;grey clay gravel streaks silt 77;grey sandy clay 85;silt 107;grey hard clay 118;silt 131;grey hard clay soft streaks 192;sandy clay boulders gravel streaks 195;sandy clay gravel streaked 227;grey clay 236;grey clay gravel streaks.
BRN	" 5	"	"	Nov.11,1965	2	18	39	61	Fresh	T 29-65	Topsoil 3;sand fine gravel 8;gravel sand 10;grey clay soft hard streaks 193;sandy grey clay gravel streaks hard packed 212;sandy clay gravel hard packed marl 263;brown limestone 268. Water at 212.
BRN	" 6	"	"	Nov.24,1965						T 42-65	Brown clay 5;sand fine gravel 6;grey clay 21;fine sand silt 43;grey clay 61;grey clay sandy hard packed 114;sandy grey clay small gravel streaks hard packed 126;sandy clay silt streaks 129;grey clay hard packed 144;sandy clay streak 170;sandy clay fine gravel 183;grey clay hard packed 223;grey soft clay 269;sandy grey clay 277;limestone.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION*	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE*	LOG AND REMARKS* (Depth to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wilnot Twp. - cont. Bleams Road North BRN lot 9	Kitchener Water Comm.	International Water Supply Ltd.	Mar.24,1966	2	12	2	91	Fresh	T 16-66	Dirty sand gravel 6;brown clay gravel 15;fine sand brown clay 37;brown clay 42;sandy grey clay 47;brown clay sand gravel streaks 68;brown clay 77;gravel sand clay 83;boulders gravel sand clay streaks 127;boulders gravel sand white clay cemented streaks 169;cemented sand-gravel 170;sandy grey clay 187;sandy grey clay gravel streak 197;grey clay hard soft streaks 250; grey sandy clay hard gravel 260;very hard clay shale 262. Water at 91.
BRN " 10	"	"	Feb.22,1967	2			42½	"	T 5-67	Sand 17;sand small clay streaks 31;gravel sand 49;sand 52; hardpan cemented streak 53;sand small gravel streaks 60;brown clay gravel 71;grey clay 74;sandy grey clay 80;grey clay silt gravel streaks 103;gravel sand white clay mud 117;sand gravel 131;red grey hard clay 187;grey clay small gravel streaks 216; sandy clay gravel streaks 254;very hard bedrock. Water at 117 and 131.
BRN " 10	"	"	Mar. 2,1967	2	16½	54	53	"	T 6-67	Sand 22;sand gravel streaks 22;brown clay 57;grey clay 65; fine sand 103;grey soft clay 133;sand gravel streaks 141; gravel sand boulders hard packed 161;sandy grey hard clay 166;cemented sand gravel 170;sandy grey clay gravel 175; gravel sand boulders 195;grey clay 213;grey clay sandy gravel streaks 237;grey clay 265;grey clay gravel hard packed 277; bedrock. Water at 195.
BRN " 11	"	"	Mar.31,1967	2	30	14	13	"	T 9-67	Brown clay 6;grey clay 12;sand gravel clay 15;grey clay 30; grey clay sandy streaks 41;fine sand 68;sand gravel streaks 77;boulders gravel sand 99;brown grey clay 101;grey clay gravel hard packed 103;gravel sand boulders streaked 131; boulders gravel sand hardpacked 133;grey hard clay 136; cemented sand gravel 137;grey hard clay 153. Water at 131 and 133.
BRN " 11	"	"	July 4,1967	10	12	16	12	"	T 12-67	Brown clay 6;grey clay gravel 16;grey clay 29;hard grey clay 40;hard grey sandy clay fine gravel 65;sand gravel boulders 82;coarse gravel 98;coarse sand 100;fine gravel 108;fine coarse mixed gravel 122;coarse sand gravel 125;fine gravel sand 131. Water from 82 to 131.
BRN " 11	"	"	Sep. 8,1967	2	25	46	43	"	T 16-67	Brown clay 8;sand 17;sand gravel 38;gravel sand 48;boulders gravel brown clay 51;brown clay grey clay 60;silty sand clay streaks 128;gravel sand boulders streaked 155;sand fine gravel 182;grey clay 205;grey clay gravel 216;cemented sand gravel 218;bedrock. Water at 155 and 182.
BRN " 11	"	"	Mar.17,1967	2	42	38	33	"	T 8-67	Brown clay gravel 6;fine sand 39;grey clay 46;grey clay sandy streaks 51;grey clay 57;fine sand streaked 81;fine sand fine gravel streaks 104;brown clay streaks sand 109;sand clay streaks 120;sand coarse sand 146;sand gravel clay 149;gravel sand boulders clay streaked 157;grey clay 178;grey clay sandy streaks 181;grey clay 220;grey clay gravel 239;clay gravel hard packed 244;bedrock. Water at 149 and 157.
BRN " 12	B.Kress	Lone Star Well Digging	May.21,1964	30	2	29	27	"	D	Brown clay 27;coarse sand 35. Water at 27.

WATERLOO COUNTY - cont.

Wilmet Twp. - cont.

Bleams Road North cont.

BRN	lot 13	H. Hofstettler	C. & H. Kerr	Mar. 7, 1964	5	25	20	Flows	Fresh	D, S	Dug well 24; clay 74; clay marl streaks 107; coarse gravel 109. Water from 107 to 109.
BRN	" 13	"	Hadco Well Digging	Oct. 9, 1962	27½	3	25	16	"	S	Topsoil 2; brown clay 9; brown hardpan 14; blue clay 16; blue sand 27. Water at 16.
BRN	" 13	"	Kerr's Well Drlg	Nov. 21, 1967	5	10		Flows	"	D, S	Drilled previously 109; coarse gravel 111; clay 125; coarse gravel 129. Water at 129.
BRN	" 13	Kitchener Water Comm.	International Water Supply Ltd	Sep. 5, 1967	7					T 13-67	Black muck 2; sand gravel 8; sand gravel clay streaks 54; silty clay sand streaks 62; sandy clay 100; packed sand clay streaks 62; sandy clay 100; packed sand clay streaks 135; sandy clay 149; fine sand clay streaks 171; silty clay gravel 194; shale 201. Brown clay 102; hardpan 172; grey shale 192. Water from 189 to 192.
BRN	" 19	Ont. Dept of Highways	Kerrs Well Drlg.	July 25, 1964	6½	30	80	21	Fresh	P	Topsoil 2; brown clay 30; brown clay hardpan 75; brown hardpan 99; grey rock 122. Water from 117 to 122.
BRN	" 26	N. Perli	McLaughlin Water Wells & Supply	May 27, 1966	6½	20	50	2	"	P	Topsoil 2; brown clay 30; brown clay hardpan 75; brown hardpan 99; grey rock 122. Water from 117 to 122.
BRS	lot 1	D. Schaus	Hadco Well Drlg & Digging	July 25, 1967	5	8	200	150	"	D	Black topsoil 1; red clay gravel 7; sand gravel 35; gravel 40; sand gravel 110; blue clay 130; sand 205; blue clay 225; blue clay hardpan layers 365; gravel 367. Water at 365.
BRS	" 2	Kitchener Water Comm.	International Water Supply Ltd.	Mar. 13, 1967	2			23	"	T 7-67	Fill clay gravel 3; black muck 4; sand gravel clay 22; sand 31; sand gravel clay 38; gravel sand clay 40; sand gravel 55; brown clay 57; sand 65; coarse sand 75; fine gravel sand 91; grey clay sand gravel streaks hard packed 97. Abandoned.
BRS	" 2	"	"	May 17, 1967	18	1010	39	23	"	T 22A67	Fill 5; topsoil 6; gravel clay boulders 13; silty clay 15; brown sand 31; sand gravel clay 38; sand gravel 55; clay 57; sand 75; fine gravel sand 92. Water from 23 to 92.
BRS	" 3	R. Emrich	Hadco Well Digging Ltd.	Oct. 20, 1966	5	6	100	45	"	D	Brown clay 14; blue clay 25; gravel 26; blue clay 65; sand gravel 73; blue hardpan 182; sand gravel 120; gravel 125. Water at 125.
BRS	" 6	W. Schmidt	C. & H. Kerr	Feb. 2, 1965	4	15	130	115	"	D	Dug well 38; sand 41; clay 77; sandy clay 94; clay 190; sandy clay 260; gravel 270. Water at 270.
BRS	" 6	J. Geis	Hadco Well Digging Ltd.	Nov. 12, 1965	27½	1		3	"	D, S	Brown sand 3; brown grey sandy gravel 15; grey clay 17. Water at 3.
BRS	" 7	Kitchener Water Comm.	International Water Supply Ltd	Mar. 15, 1966						T 14-66	Topsoil 2; gravel sand boulders 8; coarse sand 11; brown clay 13; grey clay 30; fine sand silt clay streaks 56; grey soft clay 120; grey soft clay hard streaks 203; sandy clay gravel streaks 227; sandy clay gravel boulders 242; cemented sand gravel bed-rock 247.
BRS	" 7	"	"	Mar. 17, 1966						T 15-66	Sand gravel streaks 16; brown clay 17; sand gravel 20; brown clay 21; grey clay 43; silty grey clay 51; sticky grey clay 160.
BRS	" 8	"	"	Apr. 13, 1967	5					T 11-67	Brown clay gravel 30; gravel boulders sand 35; sandy clay gravel streaks 46; gravel sand boulders 58; brown clay gravel streaks 69; gravel boulders sand 81; sticky grey clay 109; sand fine gravel clay 118; grey clay sand 126; grey clay sandy streak 157; sticky grey clay 198; sandy grey clay 209; grey clay sandy streaks 215; sandy grey clay fine gravel 240; sandy grey clay fine gravel streaks 275; grey clay 296; grey clay gravel streaks 318; bedrock.
BRS	" 10	J. Miles	Hadco Well Drlg.	Aug. 25, 1964	5½	3	50	50	Fresh	D	Sand 61; sand clay 63; sand 68; sand clay 75. Water from 63 to 68.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	Kind of WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wilmot Twp. - cont. Bleams Road South cont.										
BRS lot 10	Kitchener Water Comm.	International Water Supply Ltd.	Apr. 7, 1967	2			43	Fresh	T	Brown clay 3;sand gravel 70;grey clay sandy 86;sandy clay clay 108;grey clay gravel streaks 115;grey clay 120;sandy clay 134; grey clay 153;grey hard clay 167;grey clay small gravel streak 201;sand fine gravel dirty clay 208;grey clay 211;grey clay gravel 247;cemented sand gravel 249;grey clay gravel streaked 259;gravel sand clay 273;grey clay gravel streaks 285;bedrock 286. Water at 208.
BRS lot 10	H. Straub	McLaughlin Water Wells & Supply	Nov. 20, 1967	7	15	65	60	Fresh	D	Sand 40;loose hardpan 65;sand 77;gravel 78. Water at 65.
BRS " 12	W. Hamacker	Lone Star Well Digging	Oct. 3, 1964	30	10	20	2	"	S	Topsoil 1;brown clay 10;blue clay 22;coarse sand 23. Water at 22.
BRS " 12	Kitchener Water Comm.	International Water Supply Ltd.	Sep. 14, 1967	10	60		Flows	"	T	Topsoil 1;sand gravel 8;sandy clay 19;clay sand gravel 25; fine sand 51;sandy clay 59;fine sand 71;clay sand gravel 76;sand gravel 81;packed sand gravel. Water at 51, 71 and 81.
BRS " 12	"	"	Sep. 26, 1967	2	63	11	9	"	T	Topsoil 1;sandy clay 15;fine coarse sand clay streaks 42;clay boulders 85;sand gravel 113;cemented sand gravel 118;sand gravel. Water at 113, and 118.
BRS " 14	"	"	Sep. 1, 1967	6				"	T	Brown clay 8;grey clay 11;grey clay sand fine gravel streaks 29;grey clay sandy streaks 53;silty sand 59;grey clay silty streaks 85;silty sand 91;grey clay 117;gravel sand clay 118; grey hard clay 176;gravel sand clay 178;grey clay 183;cemented sand gravel 198;boulders gravel sand clay hard packed 204;bedrock.
BRS lot 23	J. Vogel	Kerrs Well Drlg.	Nov. 30, 1966	4	13	100	80	Fresh	D	Blue clay 80;stony blue clay 140;limestone 163. Water at 161.
BRS " 24	R. Donegan	McLaughlin Water Wells & Supply	Aug. 1, 1964	5	15	47	45	"	D	Topsoil 3;clay 45;hardpan 88;clay sand 97;sand 101;pocket for sand 104. Water from 97 to 101.
BRS " 24	G. Sword	C. & H. Kerr	Sept. 15, 1965	5 1/2	13	65	50	"	D	Stony clay 108;gravel 110;blue clay 148;grey limestone 155. Water from 149 to 154.
BRS " 24	Lu-Sheils Constr.	McLaughlin Water Wells & Supply	Oct. 27, 1966	5	10	85	75	"	D	Topsoil 1;brown clay stones 60;grey hardpan clay 90;grey clay streaks sand 140;quicksand 150;hardpan clay 174;gravel 175. Water from 174 to 175.
BRS " 24	L. Jutzl	"	Apr. 25, 1967	7	15	70	60	"	D	Brown clay sand 25;hardpan 90;sand streaks clay 140;sand gravel 154;gravel 156. Water from 154 to 156.
Block A										
Block A Con I " 3	G. Schneider	McLaughlin Water Wells & Supply	Apr. 12, 1966	8	10	40	20	Fresh	P	Sand 1;gravel 45;sand clay streaks 46;medium sand 51. Water from 45 to 51.
Block A Con I " 3	G. Schneider	C. Shantz	July 29, 1966	7	30	40 1/2	21	"	D	Muck 2;brown clay 30;clay gravel 58;silty clay 82;clay gravel 102;clay silty gravel 146;gravel clay 185;gravel clay broken rock 197;grey rock 206. Water from 204 to 206.
" A Con I " 9	N. Deifenbacher	R. McLaughlin	Feb. 27, 1964	5	8	190	110	"	D, S	Topsoil 2;sand 11;sand gravel 36;hardpan 84;sand 96;clay hardpan 156;hardpan 200;loose hardpan 224;gravel 225. Water at 224.
" A Con I " 20	L. Crawley	Kerr's Well Drlg.	Oct. 4, 1966	5	15	45	30	"	D	Stony brown clay 25;sandy clay 46;sand 50. Water at 46.
" A Con II " 3	A. Boehm	McLaughlin Water Wells & Supply	Sep. 14, 1964	7	10	40	20	"	D	Soil 1;sand 26;quicksand 30;loose hardpan 65;gravel 66. Water at 65.
" A Con II " 5	K. Reier	Hadco Well Digging Ltd.	May 20, 1964	30	2	29	19	"	S	Topsoil 1;brown clay 15;blue clay 19;brown sand 20;gravel sand 25;blue sandy clay 29. Water at 19.

WATERLOO COUNTY - cont.  
Wilmot Twp. - cont.  
Block A cont.

Block A Con II lot 8	D.Burkhardt	McLaughlin Water Wells & Supply	Jan.19,1966	5	6	105	95	Fresh	D	Dug well 42;sand clay 44;hard clay 74;soft clay 115;sandy clay 142;hardpan 171;gravel 172;hardpan 175;sand gravel 176;sandy clay 190;sand gravel 191;sand clay 202;sand gravel 203;sand clay 204;hardpan 208;sand 260;hardpan 272;sand 278;blue shale 301;blue rock 312. Water from 305 to 312. Sand 15;coarse sand 25;clay 27. Water at 15.
Block A Con II " 9	G.Bean	Lone Star Well Digging	Apr.22,1965	30	3	20	15	"	S	
Block A Con II " 22	M.Lass	G.Wallis	Jan.31,1964	6½	15	70	55	"	D,S	Light brown clay 15;blue clay 42;gravelly blue clay 90;very hard blue gravelly clay 154;broken layers brown limestone 158; solid limestone 200. Water at 190.
Block A Con II " 24	C.Bender	Steinman & Baird	Dec. 7,1965	4	9	117	75	"	D	Brown clay 12;grey clay 74;brown silty sand 118;brown sandy clay 129;hardpan 177;brown grey limestone 193. Water from 181 to 193.
Block A Con II " 30	L.Brodrecht	C.&H. Kerr	May 20,1965	4	12	80	45	"	D,S	Clay 80;sandy clay 120;hardpan 170;brown limestone 195. Water from 190 to 195.
Block A Con II " 30	A.Bender	Lone Star Well Digging	Apr. 5,1967	30	5	5	46	"	D	Brown clay 10;blue clay 46;coarse sand 52½. Water at 46.
Block A Con II " 30	M.Bender	"	Sep.12,1967	30	10	50	35	"	D	Brown clay 30;blue clay 55;gravel 60. Water at 30.
Block A Con III" 5	P.Weber	"	Mar. 4,1966	30	10	25	25	"	D	Coarse gravel 35. Water at 25.
Block A Con III" 5	C.Rosenberger	"	May 10,1966	30	10	25	25	"	D	Coarse gravel 35. Water at 25.
Block A Con III" 5	G.Cook	"	May 30,1966	30	10	25	25	"	D	Coarse gravel 35. Water at 25.
Block A Con III" 5	V.Scherer	"	Nov.15,1967	30	10	20	20	"	D	Brown clay 20;coarse gravel 30. Water at 20.
Block A Con III" 6	D.Zinn	McLaughlin Water Wells & Supply	Nov. 2,1964	5	15	75	17	"	D	Gravel 8;clay sand 85;clay hardpan 155;hardpan 168;gravel 170. Water at 168.
Block A Con III" 6	I.Hilborn	Lone Star Well Digging	Dec.15,1964	30	3	30	25	"	D	Clay 25;sand 35. Water at 25.
Block A Con III" 6	L.Bingeman	C.Shantz	Sep.24,1966	7	10	24	19	"	D	Topsoil 2;dirty gravel 18;silty clay 45;silty sandy clay 66; silty sandy clay gravel 86;silty clay gravel 89;brown clay gravel 104;silty sandy clay gravel 145;gravel clay 172;brown clay 180;gravel clay 194;grey limestone 202. Water from 86 to 89 and at 200.
Block A Con III" 6	L.Johnson	Lone Star Well Digging	June30,1966	30	5	35	30	"	D	Sand 37. Water at 35.
Block A Con III" 17	W.Szczepan	W.Baird	Dec.15,1966	4	15	39	Flows	"	D,S	Grey clay 71;gritty grey clay 98;silty sand 149;grey limestone 160. Water at 160.
Block A Con III" 28	E.Good	McLaughlin Water Wells & Supply	Oct. 7,1964	5	10	95	85	"	D,S	Soil 2;clay 80;sand clay 100;quicksand 160;hardpan 161;gravel 165. Water at 164.
Block A Con IV " 4	G.Mueller	"	Sep.20,1965	6½	15	33	27	"	D	Topsoil 1;clay sand 15;gravel 35;hardpan 42;gravel 45. Water at 43.
Block A Con IV " 4	L.Rosenburger	Lone Star Well Digging	July19,1966	30	5	35	25	"	D	Clay 25;sand 40;blue clay 43. Water at 25.
Block A Con IV " 7	H.Shantz	"	Dec.13,1966	30	10	45	40	"	D	Brown clay 5;sand 40;coarse sand 60. Water at 40.
Block A Con IV " 7	R.Davis	"	June17,1967	30	5	15	10	"	D	Clay 10;sand 20. Water at 15.
Block A Con IV " 10	E.Snyder	"	May 3, 1964	30	2	30	25	"	D	Loam 4;clay 25;clay sand 42½. Water at 25.
Block A Con IV " 13	B.Hoffman	McLaughlin Water Wells & Supply	Mar.16,1965	5	15	39	24	"	D,S	Gravel 7;sand 30;quicksand 85;hardpan 87;quicksand 110;coarse sand 132;gravel 136. Water at 132.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	W.C.	LOG AND REMARKS * ( depths to which formations entered below the surface are given in feet)
WATERLOO COUNTY - cont. Wilmot Twp. - cont. Block A cont. Block A Con IV lot 21	L. Welland	Lone Star Well Digging	June 12, 1967	30	10	20	20	Fresh	D, S	Clay 20; coarse gravel 25; blue clay 27. Water at 20.
Block A Con IV " 22	E. Scheidel	Banes Drig.	July 11, 1964	30	10	51	49	"	D	Brown clay 16; hard pack sand 26; grey clay gravel seams 40; hard pack brown sand gravel 48; coarse gravel 52. Water at 49.
Block B Block B Con I " 1	A. Bast	F. Straus	Nov. 28, 1966	5	8 1/2	160	152	"	D, S	Clay 4; sand 39; clay 119; sand 179; clay 212; sand 245; sand 255. Water from 245 to 255.
Block B Con I " 7	J. Miller	W. Packham	May 26, 1964	6 1/2	10	225	130	"	D, S	Dug well 55; brown sand 95; clay 250; gravel 306; cemented gravel shale 309. Water at 309.
Block B Con I " 7	C. Holst	Lone Star Well Digging	July 18, 1966	30	5	40	30	"	D, S	Sand 30; coarse gravel 48. Water at 30.
Block B Con I " 8	K. Gazkowski	Kerr's Well Drig.	Oct. 6, 1967	4 1/2	15	90	70	"	D, S	Silty sand 50; blue clay 70; silty sand 100; blue clay 225; stony clay 302; brown limestone 330. Water at 330.
Block B Con I " 9	J. Henhoeffer	W. Packham	Feb. 22, 1964	6 1/2	20	110	80	"	S	Yellow sandy clay 20; yellow quicksand 60; hard clay 250; silt clay 260; hard clay gravel 270; gravel shale 272. Water at 272.
Block B Con I " 15	O. Musselman	McLaughlin Water Wells & Supply	Apr. 6, 1965	5	15	66	53	"	D, S	Dug well 40; clay 105; clay hardpan 120; hardpan 148; brown limestone 155; blue limestone 158; brown limestone 165. Water from 155 to 165.
Block B Con I " 15	K. Mutters	"	Nov. 18, 1966	5 1/2	10	85	45	"	D, S	Dug well 50; grey clay stone 115; grey clay 155; soft hardpan 161; grey limestone 168. Water from 165 to 168.
Block B Con I " 19	R. Fowler	Kerr's Well Drig.	Mar. 30, 1967	4	15	120	93	"	D, S	Brown clay 30; blue clay 80; stony clay 130; clay 160; rock 190; Water from 187 to 190.
Block B Con I " 22	C. MacDonald	W. Baird	Apr. 21, 1967	5	10	89	40	"	D	Brown clay 11; gravelly grey clay 39; grey clay 124; soft grey shale 140; grey limestone 156. Water at 155.
Block B Con II " 7	E. Straus	P. Straus	Sep. 18, 1966	7	15	32	28	"	D, S	Topsoil 1; sand 15; quicksand 40; clay sand 75; sand 80. Water from 75 to 80.
Block B Con II " 9	C. Gingerich	"	Nov. 1, 1966	5	12	48	41	"	D, S	Topsoil 2; brown clay 31; quicksand 80; brown clay 241; quicksand 268; brown clay 338; brown shale 340. Water from 338 to 340.
Block B Con II " 13	V. Snyder	C. & H. Kerr	Feb. 19, 1964	5	11	100	70	"	D, S	Clay 130; sticky clay 134; clay sand 232; stones sand 246; brown limestone 266. Water at 265.
Block B Con III " 1	P. Dallner	Kerr's Well Drig.	Sep. 15, 1967	5	12	105	80	"	D	Gravel 48; brown clay 102; silt clay 156; clay 205; sand clay 245; hardpan 296; blue clay 318; hardpan 327; gravel 330. Water from 328 to 330.
Block B Con III " 1	F. Dullien	"	Aug. 2, 1967	5	15	55	45	"	D	Sand 10; marl 12; clay 28; marl 30; clay 59; silt 117; brown clay 149; sand clay 198; hardpan 240; gravel 245. Water at 198 and 245.
Block B Con III " 2	D. Salter	McLaughlin Water Well & Supply Ltd	Jan. 24, 1967	7	10	30	3	"	D, S	Topsoil 1; fill sand 6; sand grey clay 60; fine sand 122; coarse sand gravel 125. Water from 123 to 125.
Erb Road North ERN " 4	B. Dietrich	F. Straus	May 1, 1965	5	12	180	165	"	D, S	Topsoil 2; clay 41; clay sand 60; clay 72; sand 186; clay sand 200; clay 230; sand 259; hardpan 269; gravel 273. Water at 273.
ERN " 4	E. Dammer	Kerr's Well Drig.	July 28, 1966	5	15	160	132	"	D	Brown clay 80; sand 160; sand 167. Water from 162 to 167.
ERN " 4	G. Remers	Lone Star Well Digging	Sep. 23, 1966	30	5	55	40	"	D	Sand 40; brown clay 55; sand 60. Water at 40.
ERN " 7	G. Dietrich	F. Straus	Sep. 11, 1967	5	15	140	138	"	D, S	Clay 9; sand clay 80; clay 127; sand clay 166; sand 177 1/2. Water from 166 to 177 1/2.
ERN " 10	B. Lichtl	McLaughlin Water Well Ltd.	July 19, 1967	7	5	90	75	"	D	Soil 1; coarse sand 30; fine sand 85; loose hardpan 94; sand gravel 100. Water from 98 to 100.

WATERLOO COUNTY Cont.  
 Wilmet Twp. - cont.  
 Erb Road North cont.

ERN	lot 4	B.Dietrich	F.Straus	May 1, 1965	5	12	180	165	Fresh	U,S	Topsoil 2; clay 41; clay sand 60; clay 72; sand 186; clay sand 200; clay 230; sand 259; hardpan 269; gravel 273. Water at 273.
ERN	" 4	E.Danner	Kerr's Well Drlg.	July 28, 1966	5	15	160	132	"	D	Brown clay 80; sand 160; sand 167. Water from 162 to 167.
ERN	" 4	G.Remers	Lone Star Well Digging	Sep. 23, 1966	30	5	55	40	"	D	Sand 40; brown clay 55; sand 60. Water at 40.
ERN	" 7	G.Dietrich	F.Straus	Sep. 11, 1967	5	15	140	138	"	D,S	Clay 9; sand clay 80; clay 127; sand clay 166; sand 177½. Water from 166 to 177½.
ERN	" 10	B.Lichti	McLaughlin Water Well Ltd.	July 19, 1967	7	5	90	75	"	D	Topsoil 1; coarse sand 30; fine sand 85; loose hardpan 94; sand sand gravel 100. Water from 98 to 100.
ERN	" 15	Karley & Kroetsch Const	Hadco Well Digging Ltd.	Mar. 20, 1964	30			8	"	P	Brown clay 10; gravel 16; blue sand 20; blue clay 30. Water at 12.
ERN	" 22	D.Eidt	G.Davidson	Mar. 2, 1964	4	12	55	42	"	D,S	Dry well 5; clay sand 64; hardpan 82; gravel stones 88; hardpan 126; sand 136; brown soft shale 152; brown medium rock 178; grey blue soft rock 198. Water at 198.
Erb Road South											
ERS	" 3	Waterloo P.U.C.	International Water Supply Ltd.	Mar. 2, 1966	16	786	70	63	"	P	Topsoil 1; brown clay 15; clay gravel 49; gravel sand 65; coarse gravel sand 83½; clay gravel 84; sand gravel 138; clay sand 140. Water at 47.
ERS	" 4	E.Dietrich	Lone Star Well Digging	Oct. 7, 1964	30	3	40	40	"	D	Brown clay 30; sand 40; blue clay 59. Water at 40.
ERS	" 7	H. Comadi	Banes Drlg. Co.	May 5, 1964	30				"		Brown sand stones 6; brown sand. Dry hole.
ERS	" 7	H. Conrad	R. McLaughlin	June 2, 1964	7	10	95	90	"	D	Topsoil 3; hardpan 10; sand red clay 40; loose hardpan sand 75; hardpan 90; sand 104; gravel 105. Water at 104.
ERS	" 11	E.Brundret	Kerr's Well Drlg.	July 4, 1966	5	15	66	35	"	D	Large stone 5; silty sand 60; fine sand 70; coarse gravel 75. Water from 70 to 75.
ERS	" 13	E.Klees	McLaughlin Water Wells & Supply Ltd	June 26, 1966	5	20	130	120	"	D	Topsoil 4; sand 140; clay hardpan 230; sand clay 270; sand stones 281; gravel 283; hardpan 285; rock 290. Water from 285 to 291.
ERS	" 16	J.Trieb	"	June 5, 1965	5½	15	100	40	"	P	Sand 14; clay 85; hardpan clay 120; hardpan 135; clay stones 153; grey rock 168. Water from 156 to 168.
ERS	" 18	A.Mleinek	C.&E. Kerr	Nov. 2, 1965	5	15	42	32	"	D	Dug well 21; clay 63; gravel 65. Water from 63 to 65.
ERS	" 18	P.Lev	Kerr's Well Drlg.	Mar. 1, 1967	4½	15	28	14	"	D,S	Dug well 40; stony clay 48; blue clay 110; stony clay 120; grey limestone 142. Water at 142.
ERS	" 21	W.Mohr	G.Davidson	Mar. 13, 1964	4	10	60	52	"	D,S	Sand 8; quicksand 52; clay 98; clay stones 138; sand gravel stones 152; brown blue soft shale 178; blue soft rock 194; brown hard rock 220. Water at 220.
ERS	" 22	O.Mohr	F.Straus	Oct. 1, 1965	5	12	30	27	"	D,S	Topsoil 1; clay 80; hardpan boulders 131; gravel 134. Water from 131 to 134.
Snider Road North											
SRN	" 1	C.Ernst	R.Vandenboom	Feb. 25, 1964	5	25	128	127	"	D	Dug well 29; sand mud 36; blue clay sand gravel 54; sand gravel 127; sand gravel 159. Water at 159.
SRN	" 2	Waterloo County Revolver Ass.	C.Shantz	Nov. 22, 1965	5	12	65	59	"	P	Sand gravel boulders 87; sand gravel 114. Water from 87 to 114.
SRN	" 4	P.Coher	McLaughlin Water Wells & Supply	Jan. 8, 1966	6½	10	60	55	"	D	Pit 5; clay stones 77; sand clay 85; medium gravel 86. Water from 85 to 86.
SRN	" 5	W.Knipfel	"	Feb. 7, 1964	5	7	201	132	"	D,S	Topsoil 1; sand 120; clay sand 195; hardpan clay 267; hardpan boulders 297; limestone 303. Water at 300.
SRN	" 6	N.Beach	Kerr's Well Drlg.	May 1, 1967	4½	15	146	136	"	D	Clay 73; soft brown clay 108; sandy clay 126; sandy clay streaks 270; brown clay 317; brown shale 321. Water from 319 to 321.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
Wilmot Twp. - cont.										
Snider Road North cont.										
SRN lot 6	A. Baldwin	Lone Star Well Digging	May 28, 1964	30	2	20	15	Fresh	D	Brown clay 20; sand 28; coarse sand 30. Water at 28.
SRN " 7	J. Pratcher	C. & H. Kerr	Aug. 20, 1965	4	15	120	100	"	D	Drilled well 211; sandy clay 242; limestone 247. Water from 245 to 247.
SRN " 10	Brandon Tile & Const. Ltd.	McLaughlin Water Well & Supply	July 29, 1965	7	10	111	90	"	D	Dug well 21; clay 30; clay sand 105; quicksand 130; sand 138. Water from 130 to 138.
SRN " 12	E. Martin	C. & H. Kerr	Sep. 24, 1964	5 1/2	13	50	40	"	D	Brown clay 10; sand 40; clay 70; sand 76. Water from 70 to 76.
SRN " 12	C. Walters	"	Mar. 3, 1965	5	15	62	42	"	D	Clay 24; sand 67; coarse sand 71. Water from 67 to 71.
SRN " 12	H. Krone	Lone Star Well Drlg.	May 20, 1966	30	10	40	40	"	D	Brown clay 10; sand 40; coarse gravel 51. Water at 40.
SRN " 13	H. Klebe	Banes Drlg. Co.	June 13, 1964	30	10	42	38	"	D	Coarse brown sand 52. Water at 38.
SRN " 13	D. Snyder	C. & H. Kerr	Dec. 3, 1964	5 1/2	22	26	7	"	D	Sandy gravel 30; fine sand 38. Water from 30 to 38.
SRN " 13	N. Schwartz-ruber	"	June 11, 1965	5	15	35	8	"	D	Clay 20; fine sand clay 50; sand 63. Water from 59 to 63.
SRN " 21	R. Prange	F. Ince	July 5, 1966	6 1/2	10	80	15	Fresh	P	Brown clay 15; stoney clay 112; muddy sand 117. Water at 117.
Snider Road South										
SRS " 1	G. Koeslag	R. Vandenboom	Feb. 10, 1964	5	25	123	122	"	D	Sand gravel 22; sand mud 29; hardpan 31; sand gravel 122; sand gravel 152. Water at 122.
SRS " 1	R. Wright	C. Shantz	Apr. 24, 1964	5	12	115	100	"	D	Sandy clay 6; sand 35; sandy clay 50; clay gravel 60; silty sandy clay gravel 134; sand gravel 153. Water from 134 to 153.
SRS " 1	H. Siwanowicz	C. & H. Kerr	July 22, 1965	6 1/2	15	125	121	"	D	Clay 30; silt 35; soft brown clay 50; clay gravel 100; gravel 138; fine gravel 143. Water from 138 to 143.
SRS " 1	M. Lorenz	"	Oct. 15, 1965	5	15	141	125	"	D	Clay 28; silt 31; clay 50; hardpan stoney 110; gravel 140; fine gravel 145. Water from 140 to 145.
SRS " 1	J. Hild	Kerr's Well Drlg.	Apr. 29, 1966	5	15	126	111	"	D	Sand 28; clay gravel 125; fine gravel 130. Water from 125 to 130.
SRS " 2	Big 4 Hatchery	McLaughlin Water Wells & Supply Ltd	Dec. 1966	5 1/2	20	60	55	"	S	Gravel 2; sand 70; grey sand clay 105; quicksand 115; sand 122. Water from 118 to 122.
SRS " 6	F. Baranski	Lone Star Well Digging	Aug. 25, 1964	30	3	20	14	"	D	Fine sand 20; brown clay 26. Water at 20.
SRS " 7	Tend-R-Flesh	International Water Supply Ltd.	Mar. 25, 1967	2	14	51	51	"	T 1-67	Gravel fill 2; waxy brown clay 18; clay gravel 32; soft sand-stone 35; fine sand 43; fine gravel sand 74; coarse sand gravel 107; gravel fine coarse 111; coarse fine sand 118; soft clay gravel 190; lightly cemented gravel clay 231; boulder 232. Water from 107 to 108.
SRS " 7	"	"	Apr. 4, 1967	2		51		"	T 2-67	Topsoil 1; clay gravel 53; sand gravel 99; sand particles clay 109; gravel sand 114; solid clay 121. Water from 109 to 114.
SRS " 7	"	"	Dec. 11, 1967	12	300	74	52	"	In	Clay till 58; fine sand 105; medium sand 113; coarse sand 117; dirty silty sand clay 118; clay 119. Water from 58 to 117.
SRS " 11	Green Hill Motel	C. & H. Kerr	Aug. 3, 1965	53	15	84	69	"	P	Sand 12; clay 39; silt 70; gravel 84; fine gravel 87. Water from 84 to 87.
SRS " 12	Imperial Oil	"	Feb. 24, 1964	5	20	26	20	"	C	Brown clay 18; sand 46; coarse sand 51. Water from 48 to 51.
SRS " 12	A. Bandall	Kerr's Well Drlg.	Nov. 27, 1964	5	11	43	28	"	D	Sandy clay 40; fine sand 47. Water from 43 to 47.
SRS " 13	L. Hagen	C. & H. Kerr	Jan. 20, 1964	5	15	120	100	"	D	Sand 95; brown clay 118; sand clay streaks 145; sand 158. Water from 150 to 158.
SRS " 13	W. Schneller	"	Dec. 11, 1964	5 1/2	20	28	15	"	D	Brown clay 41; fine sand 48. Water from 41 to 48.

WATERLOO COUNTY - cont.  
 Wilnot Twp. - cont.  
 Snider Road South cont.

SRS	lot 13	E. Schlegel	C. & H. Kerr	Feb. 16, 1965	5	13	54	8	Fresh	D	Clay 8; silty sand 48; clean sand 58. Water from 48 to 58.
SRS	" 14	K. Myers	McLaughlin Water Wells & Supply	Feb. 9, 1967	7	15	60	50	"	D	Topsoil 4; clay sand 25; sand 60; clay pebbles 77; gravel 78. Water from 77 to 78.
SRS	" 14	T. Sivyer	Kerr's Well Drlg.	June 1, 1967	5	35	25	6	"	D	Clay 15; sandy clay 46; fine sand 50. Water from 46 to 50.
SRS	" 14	C. Sword	Lone Star Well Drlg.	June 19, 1967	30	10	20	12	"	D	Clay 20; coarse sand 27. Water at 20.
SRS	" 15	Wilnot Twp. Hall	Kerr's Well Drlg.	May 25, 1966	6½	14	66	46	"	D	Fill 3; brown clay 10; marl 13; blue clay 18; marl 22; blue clay 65; coarse sand 69. Water from 65 to 69.
SRS	" 16	N. Haufschild	C. & H. Kerr	Dec. 29, 1964	5½	15	60	56	"	D	Brown clay 22; soft blue clay 24; brown clay 56; sand 59; hardpan 80; gravel 85. Water from 80 to 85.
SRS	" 16	C. Kerr	"	Feb. 16, 1965	5	15	80	65	"	D	Sand 24; sandy clay 58; sand 64; sandy clay 93; fine gravel 101. Water from 96 to 101.
SRS	" 16	J. Cook	"	July 2, 1965	5	15	80	75	"	D	Clay 54; silt 57; soft brown clay 92; sandy clay 99; sand 106. Water from 99 to 106.
SRS	" 16	A. Bender	Lone Star Well Digging	July 21, 1964	30	3	30	20	"	D	Brown clay 20; sand 40; clay 41. Water at 20.
SRS	" 17	S. Schmidt	C. & H. Kerr	June 24, 1965	5	15	80	73	"	D, S	Clay 5; boulder 9; clay 50; hardpan 78; sand clay 126; sand 132. Water from 126 to 132.
SRS	" 18	R. Hoerle	"	Mar. 23, 1965	5	15	85	65	"	D	Clay 28; sandy clay 69; clay stones 108; fine sand 118; sand 125. Water from 120 to 125.

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Woolwich Twp.  
 Crooks Tract: East of River  
 BF lot 3 J. Beggs

BF	" 3	D. Hastings	McLaughlin Water Wells Supply Ltd.	Mar. 17, 1967	5	10	42	30	Fresh	D	Topsoil 2; clay 65; hardpan 91; clay 100; hardpan 108; brown rock 112. Water at 112.
BF	" 4	F. Pretz	Durham Drlg.	Feb. 27, 1964	4	10	45	35	"	D, S	Gravel 10; clay sand 25; hardpan pebbles 75; gravel 76. Water from 75 to 76.
BF	" 4	F. Hblatta	N. MacLean	Apr. 11, 1964	4	12	35	18	"	D	Open hole 15; hard clay 50; sand 55; hard clay 90; sand 100; sandy clay 105; sand 115; hard brown rock 120. Water at 91.
BF	" 4	L. Sheil Homes Ltd.	McLaughlin Water Supply Ltd.	Sep. 18, 1967	7	30	70	47	"	D	Topsoil 3; brown clay 20; sand 35; blue clay 90; sand 100; gravel 104. Water from 100 to 104.
BF	" 6	R. Hagen	"	June 29, 1964	5	12	75	50	"	D	Topsoil 1; sand clay 10; clay 65; clay hardpan 90; hardpan 105; brown rock 108. Water at 106 and 108.
BF	" 6	W. Schmidt	P. Straus	Dec. 23, 1966	7	12	35	32	"	D	Topsoil 2; gravel 10; hardpan 55; red clay 65; hardpan 82; soft shale 86. Water at 86.
BF	" 6	R. Hatt	G. Wallis	July 15, 1966	6½	12	65	30	"	D	Boulder stones 15; clay 67; hardpan 91; dirty sand 99; gravel 100. Water from 99 to 100.
BF	" 6	M. Lamers	"	July 22, 1966	6½	20	50	20	"	D	Brown sand gravel stones 12; grey clay gravelly 78½; fine gravel sand 79. Water at 78½.
BF	" 6	L. Kuhnke	"	July 19, 1966	6½	9	82	28	"	D	Dug well 10; brown sand gravel 15; grey gravelly clay 80; gravelly blue clay 91; fine gravel 92. Water at 91.
BF	" 6	M. Moitzger	"	July 13, 1966	6½	20	40	23	"	D	Brown sand gravel stones 16; gravelly grey clay 78; gravelly blue clay 95½; fine gravel 96. Water at 95½.
BF	" 6								"	D	Soft dark grey clay gravel 12; gravelly grey clay 49; cemented sand gravel 53; fine gravel 54. Water at 54.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
Woolwich Twp. - cont.										
Crooks Tract: East of River										
BF lot 6	E. Rauter	G. Wallis	July 25, 1966	6 1/4	20	60	25	Fresh	D	Brown sand gravel stone 14; grey gravelly clay 78; gravelly blue clay 94; fine gravel 95. Water at 94 1/2.
BF " 6	Grand River Golf Club	F. Ince	Oct. 14, 1967	6 1/4	20	50	5	"	T	Brown clay 1; hard packed gravel 45; blue clay 55; stony quicksand 59; gravel 60; hard packed gravel 63. Water at 60.
BF " 6	"	"	Oct. 20, 1967	6 1/4	15	30	20	"	P	Brown clay 1; gravel hard packed 28; gravel 30; hard packed gravel 44; gravel 46; hard packed gravel 52; fine gravel 61. Water from 52 to 61.
BF " 7	K. Maxwell	R. McLaughlin	Mar. 9, 1964	7	15	25	10	"	D	Gravel 15; clay 40; clay loose hardpan 60; sand 82; gravel 84. Water at 83.
BF " 7	H. Scott	McLaughlin Water Wells Supply Ltd.	Aug. 11, 1965	7	10	75	30	"	D	Soil 2; clay hardpan 108; sand 109; gravel 110. Water at 110.
BF " 7	D. Beynon	Lone Star Well Digging	Mar. 2, 1966	30	5	18	8	"	D	Coarse sand 8; gravel 15; blue clay 22 1/2. Water at 12.
BF " 7	A. Kennell	C. Shantz	July 2, 1966	5	15	15		"	D	Dug well 8; clay gravel 120; broken rock 122. Water from 120 to 122.
BF " 7	P. Rempel	McLaughlin Water Wells Supply Ltd.	Apr. 26, 1967	7	15	45	15	"	D	Topsoil 1; gravel boulders 14; clay hardpan 60; gravel 61. Water from 60 to 61.
BF " 7	B. Kirkham	W. Packham	June 15, 1967	6 1/4	20	55	39	"	D	Coarse gravel 20; clay gravel 95; fine running grey sand 110; hardpan 115. Water at 115.
Con I " 1	G. Schweitzer	McLaughlin Water Wells & Supply	May 25, 1967	7	15	60	25	"	D, S	Gravel 3; clay 40; grey clay 90; quicksand clay 100; gravel 101. Water from 100 to 101.
Con I " 2	J. Snyder	"	Dec. 20, 1966	7	10	40	30	"	D, S	Topsoil 5; hardpan clay 16; clay streaks hardpan 67; gravel 69. Water from 68 to 69.
Con I " 3	R. Seim	Hadco Well Drlg. & Digging Ltd.	June 2, 1967	5	8	60	35	"	D	Brown clay 3; brown clay gravel 12; blue clay 33; gravel 35; blue clay stones 40; hardpan gravel 60; sand gravel 65; gravel 75. Water at 75.
Con I " 4	L. Hartwick	Lone Star Well Digging	Mar. 31, 1965	30	3	10	10	"	D	Sand 10; coarse gravel 15. Water at 10.
Con II " 3	J. Weber	McLaughlin Water Wells & Supply	Dec. 30, 1966	7	15	75	60	"	D, S	Topsoil 3; gravel 10; grey clay gravel 60; hardpan 75; clay 102; gravel 108. Water from 106 to 108.
Con III " 1	W. Rider	Graham Well Drlg.	Dec. 23, 1964	5	10	25	18	"	S	Old dug well 34; grey clay stones 52; brown clay stones 63; brown gravel 97; dark brown rock 136; light brown rock 152. Water from 130 to 152.
Crooks Tract: West of River										
BF lot 1	E. Brubacher	G. Davidson	Jan. 25, 1967	4	12	22	20	Sulphur	D, S	Gravel 24; hardpan 36; gravel hardpan 42; hardpan 72; blue brown soft shale 85; dark grey hard rock 105; blue brown medium hard rock 120. Water at 120.
BF " 3	E. Brubacher	N. MacLean	Mar. 3, 1964	4	15	22	12	Fresh	D, S	Sand gravel 30; blue clay 45; hardpan 59; sand gravel 106; blue limestone 127. Water at 125.
German Company Tract										
GCT lot 7	A. Good	McLaughlin Water Wells & Supply	Oct. 14, 1964	8	30	61	59	"	P	Topsoil 2; clay 30; hardpan 84; clay 101; hardpan 112; gravel 120; clay 122. Water from 112 to 120.
GCT " 7	St. Jacobs Canning Co. Ltd.	"	Apr. 25, 1966	10	15	20	12	"	In	Topsoil 2; gravel 13; hardpan 52; loose hardpan 54; gravel 55. Water from 54 to 55.
GCT " 7	"	"	July 19, 1966	10	45	25	12	"	In	Topsoil 2; gravel boulders 13; hardpan 50; loose hardpan 54; gravel 55. Water from 54 to 55.
GCT " 8	W. Schieckoff	Hadco Well Digging Ltd.	Aug. 7, 1964	30	2	27	18	"	D	Topsoil 1; brown clay 14; blue clay 16; brown sand 21; blue clay 27. Water at 18.
GCT " 8	Hollinger Hardware	McLaughlin Water Wells & Supply	Aug. 4, 1966	6 1/2	30	95	40	"	C	Topsoil 2; clay 50; clay hardpan 90; hardpan 120; clay hardpan 139; blue rock 150; brown rock 160; blue rock 165. Water from 145 to 165.

WATERLOO COUNTY - cont.  
Woolwich Twp. - cont.

German Company Tract cont.												
GCT	lot	8	E. Feick	P. Straus	Jan. 27, 1967	5	12	54	47	Fresh	D, S	Fill 4; clay boulders 15; clay 125; hardpan 146; clay 175; hardpan 180; gravel 181. Water from 180 to 181.
GCT	"	10	Waterloo Rod & Gun Club	McLaughlin Water Wells & Supply	Feb. 15, 1966	5	10	120	65	"	D	Topsoil 1; sand clay 10; grey clay 32; hardpan clay 65; hardpan stones 120; hardpan clay 150; silty sand 161; coarse sand 169. Water from 161 to 169.
GCT	"	13	J. Martin	R. McLaughlin	Apr. 11, 1964	5	10	66	63	"	D, S	Clay 29; sand 46; clay 82; hardpan 98; clay 146; hardpan 191; gravel 196. Water at 191.
GCT	"	17	E. Wademan	P. Straus	May 9, 1966	5	15	77	61	"	S	Light soil 15; quicksand 20; brown clay 100; quicksand 110; hardpan 121; clay 234; boulder 237; clay 239; grey rock 257. Water from 239 to 257.
GCT	"	17	G. Metzger	Lone Star Well Digging	Mar. 30, 1967	30	5	26	10	"	D	Clay 10; sand 22. Water at 10.
GCT	"	20	E. Brubacher	Sauder & Martin	Oct. 2, 1965	4	13	40 1/2	38	"	D	Blue clay 66; hardpan 74; hardpan 90; coarse sand clay 103; quicksand 109; clay coarse sand 123; soft blue clay 149; hardpan 151; blue clay 175; red clay 182; brown sand 198; black shale 200; coarse gravel 202. Water from 200 to 202.
GCT	"	21	D. Martin	Lone Star Well Digging	Sep. 29, 1964	30	3	25	20	"	S	Clay 20; sand 30. Water at 20.
GCT	"	21	C. Leith	McLaughlin Water Wells & Supply	Dec. 1, 1967	5	15	70	55	"	D	Clay sand 15; sandy hardpan 105; clay sand 120; hardpan clay 189; grey rock 190. Water from 189 to 190.
GCT	"	24	E. Weber	Durham Drlg.	Apr. 13, 1964	4	10	45	22	"	D, S	Topsoil 2; sandy clay 50; hardpan 55; fine sand 60; clay 110; hardpan 112; fine sand 114; fine gravel 116. Water at 115.
GCT	"	27	Optimist Club	C. & H. Kerr	May 14, 1965	4	13	60	21	"	P	Silty sand 65; blue clay 265; limestone shale 267; brown lime stone 291. Water from 285 to 290.
GCT	"	33	L. Gaessler	Hadco Well Drlg. & Digging	Apr. 8, 1966	5 1/2	2	135	24	"	D	Blue clay 35; blue clay rocks 50; sand gravel 55; blue clay rocks 90; red shale 134; sandy gravelly clay 135; rock layers red shale 140; soft rock red shale 155. Water at 140.
GCT	"	34	A. Brubacher	J. Sauder	June 5, 1965	4	14	16	15	"	D	Topsoil 1; blue clay 18; grey bluish clay 51; grey bluish clay boulders 54; grey clay 64; hardpan 67; gravel 68; blue clay 128; blue shale cemented sand 167; rock 172. Water from 170 to 172.
GCT	"	37	I. Weber	McLaughlin Water Well & Supply	July 3, 1964	5	10	70	52	"	D	Soil fill 3; clay 15; clay hardpan 105; red clay hardpan 115; clay hardpan 135; clay sand stones 153; rock. Water from 147 to 153.
GCT	"	38	D. Kraemer	"	Sep. 26, 1967	5	10	75	50	"	D	Clay gravel 1; clay sand 12; clay stones 36; clay hardpan 85; hardpan 92; gravel 93. Water at 92.
GCT	"	41	St. Matthews Lutheran Church	N. MacLean	Jan. 6, 1964	5	6	25	18	"	P	Dug well 21; quicksand 23; blue clay 64; hardpan 73; sand gravel 80. Water from 73 to 80.
GCT	"	41	Conestoga Community Club	R. McLaughlin	Jan. 10, 1964	7	18	85	60	"	P	Topsoil 1; gravel 25; hardpan clay 70; hardpan 108; gravel 111. Water at 110.
GCT	"	41	W. Schmear	N. MacLean	Apr. 20, 1964	4	8	35	35	"	D	Topsoil 2; brown clay 7; gravel boulders 22; blue clay 65; sand 90; coarse sand 105. Water at 90.
GCT	"	41	R. Letterman	McLaughlin Water Well & Supply	July 24, 1964	5	15	55	28	"	D	Soil 3; gravel 21; clay hardpan 85; gravel 88. Water at 87.
GCT	"	41	H. Ritter	"	Sep. 10, 1964	7	11	55	52	"	D	Beck fill 7; clay 11; hardpan 52; clay 58; hardpan 81; gravel 83. Water at 83.
GCT	"	41	J. Gingrich	Hadco Well Drlg. & Digging	Oct. 8, 1964	5 1/2	4	45	45	"	D	Clay 5; boulders clay 30; sand 35; clay rock 45; gravel 61. Water from 55 to 61.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.											
Woolwich Twp. - cont.											
German Company Tract cont.											
GCT	lot 41	W.Theim	Hadco Well Drlg. & Digging	Oct. 9, 1964	5½	30	45	25	Fresh	D	Clay 45; gravel 56. Water from 45 to 56.
GCT	" 41	J.Noot	McLaughlin Water Wells & Supply	Jan. 22, 1965	7	10	75	50	"	D	Soil 2; gravel 20; clay 40; hardpan 115; red clay gravel 125; red clay gravel 125; hardpan 135; grey limestone 140. Water from 136 to 140.
GCT	" 41	Martin Feed Mills Ltd.	Hadco Well Drlg. & Digging Ltd.	July 1, 1965	30	4	20	11	"	C	Gravel sand 4; clay 12; brown sand 27. Water from 12 to 27.
GCT	" 41	A.Martin	McLaughlin Water Wells & Supply	Mar. 20, 1966	5	10	75	20	"	D, S	Gravel 2; clay 35; hardpan clay 90; hardpan 115; clay hardpan 139; rock 141. Water from 139 to 141.
GCT	" 41	J.Fraser	"	Oct. 24, 1966	5½	10	52	35	"	D	Topsoil 1; grey clay 22; gravel 75; clay gravel 97; gravel 98. Water from 97 to 98.
GCT	" 41	L.Martin	W.Packham	Nov. 23, 1967	6½	20	100	29	"	P	Clay 5; sand gravel 35; muddy sand gravel 105; coarse gravel 110. Water at 110.
GCT	" 41	Dr.G.Powers	McLaughlin Water Wells & Supply	Dec. 19, 1967	7	15	65	45	"	D	Pit 5; gravel 15; hardpan 80; gravel 81. Water from 80 to 81.
GCT	" 45	L.Ratz, Ratz Lumber Ltd.	Hadco Well Drlg. & Digging	May 31, 1965	5½	20	190	62	"	P	Sand 25; sand gravel 58; clay 110; clay layer gravel 142; clay 165; clay gravel 175; blue shale 196; brown rock 202; broken grey rock 212. Water from 209 to 212.
GCT	" 59	Seiling Farms Ltd.	"	Apr. 22, 1966	5½	25	100	25	"	D, S	Sandy clay 5; grey sand 22; blue clay boulders 87; boulders gravel 95; red shale 100; gravel sand 105; hard blue shale 121; grey bedrock 145; soft brown rock 178; broken white rock 183. Water from 178 to 183.
GCT	" 61	E.Gingrich	Durham Drlg. & Enterprises Ltd.	Apr. 4, 1964	4	10	40	30	"	D, S	Topsoil 2; clay 60; gravel stone clay 130; clay 175; gravel sand 180; coarse sand 188. Water from 185 to 188.
GCT	" 66	C.Martin	"	Oct. 15, 1965	4	15	45	41	"	D, S	Topsoil 2; boulders clay 25; sandy clay 75; sand 100; fine gravel 104. Water at 90 and 103.
GCT	" 69	G.Schwetizer	McLaughlin Water Wells & Supply	Aug. 18, 1965	8	15	15	Flows	"	D	Dug well 10; clay gravel 29; gravel 30. Water at 30.
GCT	" 69	O.Klinck	Hadco Well Drlg. & Digging Ltd.	Oct. 24, 1967	5	8	75	"	"	D	Topsoil ½; black muck 4; brown clay 9; boulders gravel 18; blue clay stones 92; blue sand 94; blue clay 98; gravel 108. Water at 104.
GCT	" 72	C.Bauman	McLaughlin Water Wells & Supply	July 9, 1965	7	10	100	50	"	D, S	Clay hardpan 75; hardpan 88; grey rock 110. Water from 105 to 110.
GCT	" 72	F.Jupp	Lone Star Well Digging	Sep. 10, 1967	36	3	8	7½	"	D	Topsoil 1; coarse gravel 10. Water at 7½.
GCT	" 72	O.Hagecorn	W.Packham	Mar. 29, 1967	10	50	12	6½	"	P	Gravel stones 6; coarse gravel hardpan 89; soft shale limestone 107. Water at 95.
GCT	" 72	I.Martin	Davidson's Well Drlg.	Nov. 1, 1966	4	8	22	10	"	D	Topsoil ½; clay 3; sand gravel 20; clay sand 47; dark green soft shale 69; blue soft shale 97. Water at 97.
GCT	" 74	H.Krauck Contr	McLaughlin Water Wells & Supply	Sep. 3, 1964	5	15	52	40	"	D	Stones gravel 12; clay 23; hardpan 109; sand clay 111; hardpan 119; gravel 121. Water at 121.
GCT	" 75	D.Cressman	Lone Star Well Digging	Nov. 9, 1965	30	10	25	20	"	S	Gravel 20; grey clay 29. Water at 20.
GCT	" 77	U.Weber	G.Davidson	Oct. 31, 1964	4	12	60	59	"	D, S	Blue clay 10; quicksand 36; blue soft clay 54; hardpan 78; sandy gravel 93; hardpan 104; gravel 111. Water at 111.
GCT	" 80	W.Shantz	Hadco Waterwell Drlg. Co.Ltd.	Sep. 17, 1964	5½	9	50	10	"	D	Clay 12; gravel 22; clay 38; rock 41; clay rock 51; sand gravel 60; coarse sand 64. Water from 51 to 64.

WATERLOO COUNTY - cont.  
Woolwich Twp. - cont.  
German Company Tract cont.

GCT	lot 84	J. Martin	Sauder & Martin	June 13, 1967	4	5	69	12	Fresh	D	Brown clay 12; blue clay 38; blue clay coarse sand 42; blue clay 55; hardpan 68; medium fine sand 75. Water from 68 to 75.
GCT		E. Seiling	G. Davidson	Apr. 27, 1964	5	10	70	60	"	C	Sand gravel 20; sand 50; sand gravel 80; sand 105; coarse sand 108. Water at 108.
GCT	" 86	P. Batherton	Hadco Well Digging Ltd.	May 8, 1964	4½	9	85	50	"	D	Topsoil 1; brown clay stones 38; gravel 45; blue clay 65; sand gravel 80; blue clay 82; blue sand 85; gravel 98. Water from 85 to 98.
GCT	" 86	G. Holterman	"	May 12, 1964	4½	9	90	50	"	D	Topsoil 1; brown clay stones 42; red clay 62; gravel 65; blue clay 68; gravel 82; sand 86; gravel 96. Water at 88.
GCT	" 86	E. Read	"	May 15, 1964	4½	9	85	50	"	D	Topsoil 1; brown clay 10; sand gravel 72; red clay 75; gravel 82; sand 84; gravel 93. Water at 85.
GCT	" 86	W. Hilker	McLaughlin Water Wells & Supply	Nov. 13, 1967	7	15	65	50	"	D	Soil, clay sand 12; sand 30; sand clay 98; loose hardpan 100; gravel 101. Water from 100 to 101.
GCT	" 90	L. Playford	G. Davidson	July 12, 1964	4	15	72	60	"	D, S	Blue clay 64; sand 68; hardpan 115; sand 120; hardpan 150; blue rock 178. Water at 178.
GCT	" 90	W. Thur	"	Oct. 28, 1964	4	30	70	56	Mineral	D, S	Stony clay 67; hardpan 138; stony hardpan 181; blue shale 232. Water at 232.
GCT	" 91	O. Martin	"	June 30, 1964	4	12	55	31	Fresh	D, S	Dry well 4; clay 20; sand hardpan 72; red clay 90; sand gravel 141; green shale 153; brown medium brown rock 160. Water at 160.
GCT	" 93	E. Gingrich	Banes Drig. Co	Jan. 8, 1964	30	10	25	21	"	D, S	Sandy loam 3; fine brown sand 22; gravelly brown clay 27½. Water at 21.
GCT	" 93	M. Shoemaker	Hadco Well Drig. & Digging Ltd.	June 28, 1967	30	6		12	"	D	Brown clay 13; blue clay 14; grey sand 16; gravel 19; blue clay 30. Water at 14.
GCT	" 94	E. Bauman	"	Mar. 24, 1966	5½	20	160	35	"	S	Gravel 42; sandy clay grey gravel 89; grey clay rocks 120; grey clay boulders 162; shale brown rock 178; green rock 199; blue rock 215; soft white rock 230. Water from 225 to 230.
GCT	" 95	O. Gingrich	Sauder & Martin	June 22, 1967	4	11	17	12	"	P	Brown clay 12; blue clay 38; coarse stony clay 42; sandy coarse gravel 44. Water from 42 to 44.
GCT	" 100	Z. Buehler	Hadco Water Well Drig.	Aug. 12, 1964	5½	50	60	20	"	D	Sand clay 45; gravel 52; sandy clay rock 60; sand 65; clay 67; sand 110; sandy clay 112; cemented gravel 117; sand 119; cemented gravel 130. Water at 112 and 122.
GCT	" 100	Woolwich Twp. Area School Board	"	Mar. 17, 1966	5½	10	75	19	"	P	Clay 35; clay boulders 72; clay sand gravel 79; gravel 100. Water from 79 to 100.
GCT	" 101	E. Martin	G. Davidson	Jan. 24, 1964	4	12	24	20	"	D, S	Bluish clay 28; sand 90; hardpan 155; sand 174; clay boulders 187; heaving sand 204; blue shale 209; grey rock 217. Water at 217.
GCT	" 104	E. Weber	McLaughlin Water Wells & Supply	Oct. 30, 1965	6½	15	96	93	"	D	Topsoil 2; sand 12; clay 31; hardpan clay 102; hardpan gravel 112; gravel 113. Water at 112.
GCT	" 104	R. Trotter	Hadco Well Digging Ltd.	July 11, 1966	5½	12	95	82	"	D	Brown clay 15; blue clay 22; gravel 26; blue clay 52; boulders 53; blue clay 98; sand gravel 105; blue clay 107; gravel 120. Water at 118.
GCT	" 104	S. Martin	McLaughlin Water Wells & Supply	Apr. 17, 1967	5½	10	113	90	"	D	Gravel 2; sand 14; sand clay 40; clay 75; hardpan 125; soft hardpan 133; gravel 138. Water from 133 to 138.
GCT	" 104	C. Deckert	Hadco Well Drig. Digging Ltd.	May 4, 1967	5	4	105	80	"	D	Topsoil 2; brown clay sand 37; blue clay 75; blue clay hardpan 115; hardpan 127; gravel sand 128. Water at 128.
GCT	" 107	C. Gingrich	"	Jan. 4, 1966	5½	20	95	70	"	D	Clay 15; rock 20; clay boulders 72; sandy clay 80; clay boulders 102; gravel 104; rock 107; gravel 110. Water from 107 to 110.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Woolwich Twp. - cont. German Company Tract GCT lot 115	cont. S. Shantz	Durham Drlg. & Enterprises Ltd. McLaughlin Water Wells Supply Ltd.	Dec. 14, 1966	4	20	10	Flows	Fresh	D, S	Cement 1/2; brown yellow clay 50; brown hardpan 90; sand gravel 114; grey shale 120. Water from 116 to 120.
GCT " 117	P. Bauman	McLaughlin Water Wells Supply Ltd.	May 3, 1967	7	30	17	10	"	D	Sand 1; clay 20; hardpan 42; soft hardpan 51; gravel 52. Water from 51 to 52.
GCT " 118	L. Bauman	Hadco Well Drlg. & Digging Ltd.	July 28, 1966	5 1/2	12	100	55	"	D, S	Topsoil 6; brown clay 18; blue clay 63; gravel 65; blue clay 95; cemented gravel 150; gravel 155. Water at 151.
GCT " 120	A. Ritter	G. Davidson	Feb. 5, 1964	4	12	35	25	"	D, S	Clay 50; sand gravel 83; hardpan 154; shale 162; brown rock 181. Water at 181.
Hitchings Tract Con A lot 1	A. Letson	McLaughlin Water Wells Supply Ltd.	Apr. 28, 1965	5	15	63	35	Fresh	D, S	Topsoil 2; gravel 8; clay 15; clay hardpan 95; hardpan 118; rock 125. Water from 120 to 125.
Con I " 1	H. Lauber	F. Straus	Mar. 18, 1966	7	12	37	34	"	D, S	Sand 20; clay 31; hardpan 65; sand 70; clay 72. Water from 65 to 70.



LEF BF	lot 14	G.Samhuber	R.Schooley	June11,1966	6	2	25	6	Fresh	D	Clay 7;flint 31. Water at 31.
LEF BF	" 31	J.Goodwin	W.Winger & Son	Oct. 7,1964	6½	7	11	10	"	D	Topsoil sand 2;shale 7;light flint 19;dark flint 29. Water at 26.
LEF BF	" 32	F.Huffman	"	Apr.30,1964	6½	7	4	2	"	D	Topsoil 1;shale 2;dark flint 20. Water at 18.
LEF BF	" 32	R.Hall	"	Apr. 2,1964	6½	7	3	3	"	D	Shale broken rock 7;dark flint 30. Water at 26.
LEF BF	" 33	S.Hanuska	R.Schooley	Sep. 2,1964	5	15	9	7	Sulphur	D	Clay 3;loose rock 8;flint 26. Water at 26.
LEF Con I	" 9	D.Weinmann	"	July18,1966	6	15	16	12	Fresh	D	Clay 12;sand gravel 21;shale 31. Water at 31.
LEF Con I	" 14	G.Teal	"	July25,1966	6	2	23	6	"	D	Brown clay 4;flint 27. Water at 27.
LEF Con I	" 17	Larkin	"	Apr.29,1967	6	10	20	4	Sulphur	D	Red clay 25;gravel 29;flint 40. Water at 40.
LEF Con I	" 32	R.Frayle	"	Apr.24,1965	6	15	14	5	Fresh	D	Sandy gravel 10;blue clay 19;limestone 26. Water at 26.
LEF Con I	" 32	C.Pooler	"	May 26,1966	6	10	25	15	"	D	Grey clay 22;flint 38. Water at 38.
LEF Con I	" 32	G.House	"	July14,1967	6	20	15	12	"	D	Gravelly clay 13;flint 30. Water at 30.
LEF Con II	" 1	A.Colpoys	"	June28,1967	6	20	15	5	"	D	Blue clay 17;limestone flint 27. Water at 27.
LEF Con II	" 7	L.Monsell	"	June17,1967	6	4	25	6	"	D	Blue clay 10;flint 31. Water at 31.
LEF Con II	" 8	H.Jones	"	Mar.26,1966	6	5	20	5	"	D	Grey clay 9;flint 31. Water at 31.
LEF Con II	" 8	K.Cullinane	"	June23,1967	6	4	25	6	"	D	Blue clay 10;flint 32. Water at 32.
LEF Con II	" 8	B.Powler	"	July17,1967	6	2	25	4	"	D	Blue clay 10;grey limestone 32. Water at 32.
LEF Con II	" 11	N.Demers	"	July13,1964	6	10	12	10	"	D	Rubble 4;flint 25. Water at 25.
LEF Con II	" 11	J.Schwartz	"	July17,1964	6	15	15	10	"	D	Rubble 2;flint 27. Water at 27.
LEF Con II	" 11	E.Pauly	"	June 7,1965	5	15	15	7	"	D	Clay 3;loose rock 7;flint 22. Water at 22.
LEF Con II	" 11	V.Corcoran	"	Sep.14,1967	5	15	8	4	"	D	Clay 6;grey limestone 24. Water at 24.
LEF Con II	" 13	A.Masurat	W.Winger	May 18,1964	6	7	7	6	"	D	Stony clay 4;shale 11;light flint 26. Water at 24.
LEF Con II	" 13	D.Hume	"	May 23,1964	6½	7	9	7	"	D	Clay stones 4;light flint 21;dark flint 33. Water at 31.
LEF Con II	" 13	A.McGowan	R.Schooley	Jan.11,1965	6	10	12	10	"	D	Rubble 7;flint 25. Water at 25.
LEF Con II	" 13	R.Trantomana	"	Oct.26,1966	6	5	25	16	"	D	Rubble 4;flint 30. Water at 30.
LEF Con II	" 19	L.Taylor	W.Winger	June 2,1964	6	7	5	1	"	P	Topsoil 1;brown clay 16;light flint 27;dark flint 36. Water at 34.
LEF Con II	" 22	A.Riegle	R.Schooley	May 3,1965	5	15	20	14	"	D	Loose rock 8;limestone 37. Water at 37.
LEF Con II	" 22	W.Lough	"	July25,1967	6	15	12	19	"	D	Clay 3;shale 8;limestone 55. Water at 55.
LEF Con II	" 28	P.Kuti	"	May 2,1966	6	15	35	22	"	D	Limestone 16;flint 60. Water at 60.
LEF Con III	" 16	G.Grubb	"	June23,1964	6	10	16	12	"	D,S	Clay 10;flint 21;limestone 41. Water at 41.
LEF Con III	" 17	S.Latona	"	June17,1964	6	5	20	12	"	D	Clay 10;flint 20;limestone 26. Water at 26.
LEF Con III	" 17	A.Cserpak	E.Johnston	June20,1964	6	3	25	4	"	D	Red clay 9;red sand 12;hard limestone 25. Water at 23.
LEF Con III	" 17	R.Plato	R.Schooley	June26,1964	5	5	16	12	"	D	Clay 8;flint 20;limestone 32. Water at 32.
LEF Con III	" 17	N.Higgins	"	July 2,1964	5	3	15	8	Sulphur	D	Clay 15;limestone 24. Water at 24.
LEF Con III	" 17	A.Misuraca	"	Aug.21,1964	5	10	12	12	Fresh	D	Clay 10; flint 20;limestone 30. Water at 30.
LEF Con III	" 17	A.Lemme	"	Aug.26,1964	5	3	32	8	"	D	Clay 3;loose rock 8;flint 20;grey limestone 32. Water at 32.
LEF Con III	" 17	R.Bicknell	"	Oct.15,1965	6	15	10	10	"	D	Clay 7;grey limestone 25. Water at 25.
LEF Con III	" 17	A.Castelnuovo	"	July 5,1967	6	15	9	9	Sulphur	D	Clay 3;grey limestone 29. Water at 29.
LEF Con III	" 18	L.Zanella	W.Winger & Son	June20,1964	6½	6	7	5	Fresh	D	Brown clay 4;shale rock 6;dark rock 35. Water at 33.
LEF Con III	" 18	D.Julius	"	July 4,1964	6½	6	23	14	Sulphur	D	Topsoil 1;brown clay 4;dark rock 52. Water at 50.
LEF Con III	" 18	P.Bellencia	R.Schooley	May 26,1965	6	5	35	9	Fresh	D	Clay 6;flint 20;limestone 43. Water at 43.
LEF Con III	" 18	F.Galbo	"	June 4,1965	5½	8	30	8	"	D	Clay 5;grey limestone 40. Water at 40.
LEF Con III	" 18	E.Pudwell	"	June15,1965	6	4	20	9	"	D	Clay 6;grey limestone 27. Water at 27.
LEF Con III	" 18	H.Wilkinson	"	July14,1966	6	2	25	8	"	D	Brown clay 6;flint 30. Water at 30.
LEF Con III	" 20	Whitley	"	Oct.10,1967	6	10	14	6	"	D	Rubble 3;limestone 24. Water at 24.
LEF Con III	" 22	W.Teal	"	June30,1966	6	15	25	25	"	D	Clay 3;rubble 7;shale 20;limestone 51. Water at 51.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont. Bertie Twp. - cont. Niagara River Front										
NRF Con VIII lot 2	H.Herbert	R.Schooley	Oct.21,1966	6	1 1/2	50	18	Fresh	D	Stony clay 28;limestone 65. Water at 65.
NRF Con VIII "	J.Carver	W.Winger & Son	Aug.29,1964	6 1/2	7	24	21	"	D	Clay stones 1;shale 8;brown rock 42. Water at 39.
NRF Con IX "	H.Hand	"	Feb. 4,1964	6 1/2	7	35	33	"	D	Topsoil 2;shale 10;brown limestone 68;black limestone 81. Water at 78.
NRF Con IX "	H.McIntee	"	Feb.25,1964	6 1/2	7	33	33	"	D	Topsoil 1;shale 7;brown limestone 63;black limestone 80. Water at 78.
NRF Con IX "	R.Noel	R.Schooley	Sep. 1,1966	6	15	24	24	"	D	Red clay 13;limestone 44. Water at 44.
NRF Con XI "	J.Konop	E.Johnston	Oct.15,1964	6	10	31	31	"	D	Brown clay 2;limestone 20;slate rock 45. Water at 34 and 42.
NRF Con XIII "	E.Winger	R.Schooley	May 15,1965	5	2	30	7	Sulphur	D	Sandy clay 8;grey limestone 38. Water at 38.
NRF Con XIII "	R.Beam	"	Nov. 1,1965	6	15	22	19	Fresh	D	Loose rock 6;grey limestone 35. Water at 35.
NRF Con XIII "	D.Beaulieu	"	Nov. 1,1966	5	3	60	25	"	D	Blue clay 40;hardpan 62;shale 70. Water at 70.
NRF Con XIII "	R.Burke	"	June14,1967	5	1 1/2	75	10	Sulphur	D	Blue clay 52;limestone 98. Water at 98.
NRF Con XIII "	R.Hill	W.Winger & Son	Oct.30,1964	6 1/2	2	11	8	"	D,S	Dark brown clay 10;stony clay 39;brown rock 50;soft brown rock 70. Water at 57.
NRF Con XV "	C.Thomas	R.Schooley	Aug. 7,1965	5	15	18	18	Fresh	D,S	Clay 2;loose rock 10;limestone 40. Water at 40.
Crowland Twp. Con I lot 15	S.Shumlick	W.Lounsbury &Son	Nov. 2,1965	6 1/2	17	60	11	Fresh	D	Solid brown clay 18;soft blue clay 60;red clay 99;fine red sand 102;small coarse gravel 103. Water at 102.
Con II "	P.Kiewit &Sons of Can. Ltd.	P.Merritt	Sep.12,1967	6 1/2	10	40	25	"	C	Brown clay 25;soft reddish sandy clay 65;clay gravel 75;quicksand 95;gravel 98. Water at 98.
Con II "	St.Lawrence Seaway Auth.	International Water Supply Ltd.	Mar.20,1967	12	34	48	24	Saline	N	Silt clay 54;clay gravel 59;gravel clay 63;soft limestone 71;solid limestone. Water at 59.
Con III "	J.Majoros	P.Merritt	May 13,1964	6 1/2	10	30	23	Fresh	D,S	Brown clay 55;red packed gravel 80;gravel 85. Water at 85.
Con IV "	C.Bradley	R.Schooley	Nov.27,1964	5	8	50	16	"	D,S	Red clay 40;blue clay 60;hardpan 74;sand fine gravel 87;shale 90. Water at 90.
Con V "	V.Clark	S.Merritt	June17,1964	6 1/2	16	38	38	"	D	Clay 12;quicksand clay 30;stones sand 45;hard packed sand 90;sand 91. Water at 91.
Con VII "	O.Haeberle	R.Schooley	June25,1965	5	15	28	14	"	D,S	Red clay 26;blue clay 80;gravelly clay 92;gravel 100. Water at 100.
Ponthill,Village	Fonthill PUC	International Water Supply Co.	Sep. 3,1964						T	Fill 4;sand gravel boulders clay 12;sand gravel clay 24;clay fine sand gravel silt 75;silty clay sand gravel silt 89;clay sand gravel 140;sand clay 320;broken rock gravel 328;rock. Sandy clay 11;coarse sand fine gravel 13;hardpan 14;medium coarse sand fine gravel 29;medium fine sand 45;medium fine sand gravel 46;clay gravel 48. Water from 14 to 46 1/2.
	"	"	July30,1965	12	250	29	13	Fresh	P	Topsoil 1;brown clay 11;silty clay 19;gravel sand 37;clay 39;sand clay 73;clay sand 98. Water at 19.
	"	"	Sep.23,1964	2			15		T	Clay odd bit gravel 12;clay gravel 15;gravel sand boulder 17;sand fine gravel 34;sand fine gravel clay 50. Water at 15.
	"	"	Sep.17,1964	2	50	10 1/2	10		T	

## WELLAND COUNTY - cont.

## Pontheill, Village - cont.

		Pontheill PUC	International Water Supply Co.	Sep. 21, 1964							T	Topsoil 1; clay 6; clay gravel 19; fine sand gravel clay 26; silty clay gravel 55.
		"	"	Sep. 11, 1964	2			6			5-64 T	Topsoil 1; dirty sand silt clay 13; sandy clay 15; sand gravel boulders 25; sandy clay 63; sandy clay gravel 70; sandy clay 105; clay gravel 190; broken rock 192. Water at 15.
		"	"	Sep. 9, 1964							3-64 T	Topsoil 2; sandy clay 6; clay gravel 19; sand gravel 36; sand gravel clay 90; sand clay 107; red clay sand gravel 130; sand gravel clay 139; sand clay 245; sticky clay sand 271; boulder 272; red clay sand 305; clay gravel 317; broken rock clay 324; rock 325.
											2-64 T	
Fort Erie, Town												
Con I	lot 9	J. Lamontagne	R. Schooley	Oct. 25, 1967	6	20	10	8	Fresh	D		Red clay 15; gravel 20. Water at 20.
Humberstone Twp.												
Con I	lot 2	W. Brant	R. Schooley	Sep. 12, 1964	6	1	31	10	Sulphur	N		Clay 3; flint 31. Water at 31.
Con I	"	J. Meyers	"	June 11, 1965	6	2	27	16	"	D		Gravelly clay 25; flint 33. Water at 33.
Con I	"	S. Near	"	Aug. 15, 1967	6	15	14	12	Fresh	D		Clay 6; grey limestone 26. Water at 26.
Con I	"	L. Sider	"	Nov. 14, 1964	6	1 1/2	24	12	"	D		Clay 3; flint 24. Water at 24.
Con I	"	R. Brennan	"	Mar. 30, 1965	5	15	12	5	"	D		Brown clay 12; limestone 25. Water at 25.
Con I	"	C. Sider	"	Aug. 13, 1965	5	2	26	12	"	D		Clay 2; flint 26. Water at 26.
Con I	"	A. Brennan	"	July 4, 1966	5	10	16	8	"	D		Clay 14; grey limestone 26. Water at 26.
Con I	"	L. Sider	"	May 8, 1967	6	10	12	12	"	D, S		Clay loam 2; flint 25. Water at 25.
Con I	"	J. Schultz	"	Feb. 6, 1964	6	7	23	20	"	D		Loose rock 4; flint 33. Water at 33.
Con I	"	P. Langevin	"	Mar. 9, 1966	6	6	25	14	"	D		Loose rock 4; flint 33. Water at 33.
Con I	"	G. Rowe	"	June 4, 1966	6	10	24	24	"	D		Rubble 2; flint 36. Water at 36.
Con I	"	E. Schatzline	"	May 29, 1967	6	15	40	24	"	D		Rubble 3; flint 34; grey limestone 46. Water at 46.
Con I	"	L. Schooley	"	July 8, 1967	6	4	20	7	Sulphur	D		Blue clay 16; grey limestone 27. Water at 27.
Con I	"	P. Opdam	"	Nov. 9, 1964	5	7	15	8	Fresh	D, S		Clay 10; flint 24. Water at 24.
Con I	"	D. Stinson	"	Mar. 8, 1965	6	1	40	15	"	D		Sand 18; flint 44. Water at 44.
Con I	"	C. Eberhardt	"	Oct. 5, 1967	6	15	28	22	Sulphur	D		Sand 18; flint 48. Water at 48.
Con I	"	Ont. Dept. of Highways	S. Merritt	Aug. 13, 1965	6 1/2	5 1/2	65	18	"	D		Sand stones 3; flint 90. Water at 45 and 88.
Con I	"	C. Schutter	R. Schooley	Aug. 31, 1967	6	15	45	18	"	S		Flint 40; brown limestone 80; shale 104. Water at 104.
Con I	"	R. Clee	"	Mar. 4, 1964	6	15	6	4	Fresh	D		Clay 3; grey limestone 28. Water at 28.
Con I	"	D. Ross	"	Jan. 4, 1965	6	10	16	12	"	D		Sand 13; limestone 28. Water at 28.
Con I	"	L. Anthes	"	Apr. 19, 1965	6	14	20	8	Sulphur	D		Sand 15; grey limestone 34. Water at 34.
Con I	"	K. Rustin	"	Oct. 9, 1965	6	15	8	8	Fresh	D		Clay 4; flint 32. Water at 32.
Con I	"	S. Hardman	"	May 9, 1966	6	5	25	15	"	D		Rubble 3; flint 34. Water at 34.
Con I	"	E. Bryan	"	Nov. 15, 1966	6	15	15	3	"	D		Clay loam 1; flint 27. Water at 27.
Con I	"	G. Johnson	"	June 3, 1967	6	10	20	12	"	D		Rubble 2; limestone 12; flint 32. Water at 32.
Con I	"	J. Russell	"	Sep. 20, 1967	5	10	16	16	"	D		Loam 2; flint 32. Water at 32.
Con I	"	D. Dunlop	"	Nov. 10, 1965	6	20	12	4	"	D		Clay 4; limestone 12; flint 32. Water at 32.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
WELLAND COUNTY - cont.											
Humberstone Twp. - cont.											
Con I	lot 15	J. Langenberg	R. Schooley	July 23, 1964	6	10	10	Fresh	D, S	Clay 7; flint 25. Water at 25.	
Con I	" 15	W. Buchanan	"	Dec. 11, 1965	6	10	14	"	D	Sand gravel 12; flint 27. Water at 27.	
Con I	" 15	T. Peterson	"	Aug. 4, 1967	6	10	8	"	D	Clay 6; flint 23. Water at 23.	
Con I	" 16	S. Yalowica	R. Dennis	June 27, 1967	6 1/2	2 1/2	45	Flows	"	Brown clay 10; shale gravel 14; flint 47. Water at 47.	
Con I	" 16	D. Knoll	R. Knoll	Nov. 30, 1967	6	2	50	1	Sulphur	D	Brown clay 24; limestone 57. Water at 57.
Con I	" 17	W. Cole	R. Schooley	Mar. 28, 1964	6	10	22	12	Fresh	D	Blue clay 17; grey limestone 35. Water at 35.
Con I	" 18	G. Foster	"	Sep. 6, 1967	5	15	12	10	"	D	Clay 7; flint 24. Water at 24.
Con I	" 19	T. Fryer	"	Apr. 24, 1964	6	10	30	25	"	D	Sand 25; blue clay 34; flint 47. Water at 47.
Con I	" 19	O. Beam	"	Aug. 19, 1965	5	6	15	8	Sulphur	D	Clay 7; grey limestone 24. Water at 24.
Con I	" 21	A. Zolomy	S. Merritt	Sep. 15, 1966	6 1/2	2	22	8	Fresh	D	Grey clay 6; flint 22. Water at 14.
Con I	" 22	R. Smith	R. Schooley	Sep. 25, 1967	6	15	14	10	"	D	Clay 4; grey limestone 25. Water at 25.
Con II	" 4	P. Dykstra	"	Jan. 10, 1967	6	7	14	15	"	D, S	Brown clay 10; flint 34. Water at 34.
Con II	" 4	Sherkston	"	Aug. 10, 1967	6	15	10	8	"	P	Clay 10; grey limestone 31. Water at 31.
		United Church									
Con II	" 9	D. Troup	"	July 14, 1965	6	15	15	12	Sulphur	Ir	Red clay 20; limestone 39. Water at 39.
Con II	" 10	L. Gagnon	"	May 26, 1964	5	10	12	7	"	D, S	Clay 15; limestone 26. Water at 26.
Con II	" 10	Port Colborne Conservation Club	"	July 24, 1965	6	5	24	10	Fresh	D	Red clay 14; limestone 34. Water at 34.
Con II	" 12	P. Schutter	"	Oct. 24, 1964	6	2	56	12	Sulphur	S	Rubble 2; flint 36; grey limestone 56. Water at 56.
Con II	" 14	T. Koridijs	"	Apr. 11, 1964	5	5	40	16	Fresh	"	Red clay 27; shale 50. Water at 50.
Con II	" 14	T. Hallam	"	Nov. 24, 1965	6	10	15	4	"	D	Clay 12; limestone 32. Water at 32.
Con II	" 15	J. Santa	"	May 20, 1965	5	20	2	2	Sulphur	D	Clay 12; limestone 28. Water at 28.
Con II	" 15	R. Peterson	"	Nov. 9, 1966	5	10	12	6	"	D	Clay 15; limestone 30. Water at 30.
Con II	" 20	D. Cirone	"	Mar. 25, 1967	6	15	2	2	"	D	Clay 12; limestone 26. Water at 26.
Con III	" 16	W. Vanderlaan	"	Nov. 13, 1965	6	15	20	20	Fresh	S	Blue clay 26; gravel 29; shale 42. Water at 42.
Con III	" 16	"	"	Oct. 6, 1966	6	20	27	22	"	S	Clay 22; gravel sand 27; limestone 41. Water at 41.
Con III	" 17	R. Lampman	"	Sep. 4, 1965	5	7	20	12	"	D	Clay 8; shale 22; limestone 31. Water at 31.
Con III	" 18	M. Latnavich	"	Sep. 11, 1965	5	15	39	39	"	D	Clay loam 3; shale 30; limestone 47. Water at 47.
Con III	" 18	J. Masetelli	"	Feb. 18, 1967	5	12	83	43	"	P	Brown clay 3; loose rock 8; shale 98. Water at 98.
Con IV	" 3	E. Heaman	"	Dec. 6, 1967	6	20	15	15	Sulphur	D, S	Red clay 26; blue clay 54; gravel 59. Water at 59.
Con V	" 6	P. Dunae	"	Aug. 20, 1966	6	12	40	20	Fresh	"	Red clay 12; blue clay 71; gravel 77. Water at 77.
Con V	" 12	C. Balogh	"	Sep. 8, 1966	6	15	16	12	"	D	Blue clay 54; gravel 60. Water at 60.
Con V	" 21	St. Lawrence Seaway Auth.	Peninsula Soils Investigations Ltd	Dec. 22, 1967	12	150	145	7	"	T	Overburden clay silty clay 113; dolomite gypsum seams 150; limestone 151. Water at 118.
Niagara Falls											
Gore	lot 8	L. Gianmattolo	W. Lounsbury & Sons	Oct. 9, 1964	6 1/2	20	55	17 1/2	Fresh	D	Hard clay stones 18; hardpan 23; limestone 56. Water at 56.
		E. Cornell	P. Merritt	Nov. 13, 1967	6 1/2	2	55	32	"	D	Brown clay 6; brown shale 8; grey limestone shale 65. Water at 48.
		R. Boss	"	Apr. 15, 1965	5	4	34	10	"	D	Brown loam 20; dirty shale 25; grey limestone 38. Water at 28 and 34.
		K. Sheridan	"	Aug. 29, 1967	6 1/2	10	15	3	"	D	Brown clay 11; grey limestone 27 1/2. Water from 25 to 27.
		Braun Constr. Co. Bldr.	W. Lounsbury & Sons	July 25, 1966	6 1/2	8	61	39	"	D	Red sandy loam 22; soft blue clay 44; red sandy clay 60; limestone 64. Water at 63.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont.										
Pelham Twp. - cont.										
Con IV lot 5	R. Patterson	W. Field & Son	May 29, 1964	6 1/2	1	35	10	Fresh	D	Brown clay 8; grey limestone 35. Water at 30.
Con IV " 5	D. Flemming	W. Lounsbury & Sons	Mar. 31, 1965	6 1/2	4	60	36	"	D	Fine red sand 50; limestone 60. Water at 60.
Con IV " 10	D. Cripps	F. Merritt	Sep. 15, 1967	6 1/2	10	15	10	"	D	Brown clay 20; reddish clay 36; grey limestone 40. Water at 38.
Con IV " 15	R. Simpson	"	May 24, 1966	6 1/2	10	30	20	"	D	Brown clay 60; gravel 62; grey limestone 67. Water at 67.
Con V " 2	A. Karner	W. Lounsbury & Sons	Oct. 29, 1966	6 1/2	6	58	28	"	D	Hard clay 21; soft clay 46; sand 54; coarse gravel 58. Water at 58.
Con V " 2	H. Karner	"	Nov. 8, 1966	6 1/2	7	90	53	"	D	Top fill 8; red sand 81; sand gravel 86; hardpan 88; limestone 93. Water at 88.
Con V " 13	L. Cosby	F. Merritt	June 3, 1965	6 1/2	10	20	15	"	D	Brown clay 10; sandy loam 30; quicksand 96; coarse gravel 100. Water at 100.
Con V " 16	B. Lampman	"	Aug. 12, 1964	6 1/2	10	30	8	"	D	Brown clay 15; blue clay 65; red clay gravel 78; grey limestone 80. Water from 78 to 80.
Con V " 18	H. Katz	S. Merritt	June 10, 1965	6 1/2	16	22	8	"	S	Clay quicksand 85; shale 87; Niagara rock 111. Water at 111.
Con V " 20	F. Romeo	"	Aug. 17, 1965	6 1/2	15	30	27	"	D	Clay quicksand 99; shale 101; Niagara rock 110. Water at 102 and 110.
Con VI " 6	R. Beckett	W. Field & Son	July 22, 1964	6 1/2	10	187	85	"	In	Black clay gravel 6; blue clay 26; quicksand 175; fine gravel 181; coarse gravel 187; grey limestone 190. Water at 181.
Con VI " 6	G. Deyoung	W. Lounsbury & Sons	May 19, 1965	8	8	260	176	"	D	Large stones gravel 5; coarse gravel stones 83; fine red sand 234; sandy clay 256; soft clay 267; sandy clay 273; grey shale 275; limestone 278. Water at 275.
Con VI " 6	Haun Marine Ltd.	J. Crowley & Ass.	Sep. 8, 1966	6 1/2				"		Silty sand gravel 17; dirty silty sand gravel 30; tight clay till 66. Dry hole.
Con VI " 7	P. Nagy	G. Wallis	Nov. 25, 1967	6 1/2	15	120	70	Fresh	D	Reddish brown sand 28; reddish brown sandy clay 146; limestone 151 1/2. Water at 148.
Con VI " 11	A. McCready	S. Merritt	Aug. 20, 1965	6 1/2	16	15	5	"	D	Quicksand 50; clay 60; quicksand 90; sand gravel 96. Water at 90.
Con VI " 11	H. Selby	F. Merritt	Sep. 15, 1966	6 1/2	10	20	15	"	D	Brown sand 20; red quicksand 65; red gravel 92; coarse gravel 94. Water from 92 to 94.
Con VI " 12	J. Bentz	S. Merritt	Aug. 15, 1967	6 1/2	16	20	15	"	D	Sand quicksand 68; grey clay 85; sand quicksand 103; sand gravel 105. Water at 105.
Con VI " 13	N. Colongale	"	Dec. 2, 1967	6 1/2	15	25	20	"	D	Clay 20; quicksand 90; sand 92; quicksand clay 116; shale 117. Water at 117.
Con VI " 14	T. Colaprete	F. Merritt	May 4, 1966	6 1/2	10	10	3	"	D	Sandy loam 25; red sandy clay 55; quicksand 90; gravel 93. Water at 93.
Con VII " 6	J. Nicholls	S. Merritt	Mar. 13, 1967	6 1/2	8	40	32	"	D	Gravel sand 40; quicksand gravel 79. Water at 79.
Con VII " 9	B. Beamer	W. Lounsbury & Sons	July 18, 1965	7	20	130	89	"	D, S	Fine red sand 32; coarse red sand 42; coarse gravel 63; fine red sand 98; sandy clay 147; red sand 168; stony hardpan 169; limestone 170. Water at 169.
Con VII " 9	Ponhill Sand & gravel Ltd.	"	Oct. 18, 1965	10	350	194	149	"	In	Sand large stones 5; sandy loam 28; fine red sand 128; fine grey sand 205; sandy clay 212; stones clay 218; hard shale 220; limestone 230. Water at 230.
Con VII " 19	J. Sawyer	F. Merritt	Sep. 3, 1966	6 1/2	10	35	22	"	D	Brown clay 20; red soft clay 65; red gravel 119; grey limestone 122. Water at 121.
Con VIII " 7	Pelham District High School Bd.	J. Crowley & Ass.	Aug. 10, 1966	6 1/2	11	140	117	"	P	Topsoil 1; dirty sand gravel 16; compacted sand gravel 117; fine sand odd streak silty sand 151. Water at 117.

WELLAND COUNTY - cont.  
Pelham Twp. - cont.  
Con VIII lot 9

WELLAND COUNTY - cont.		Pelham Twp. - cont.																	
Con VIII	lot 9	Pelham Twp.	International Water Supply Ltd.	Mar.16,1962	8	100	206	172						N	Dirty red sand fine gravel 52;packed red sand gravel streaks 102;sandy clay fine streaks gravel 158;red grey clay 163;boulders 164;blue red clay 186;sandy red packed clay 234;silt soft grey clay 249;red blue sandy soft clay 301;brown grey limestone 323;light brown limestone 344. Water from 202 to 223,223 to 245,305 to 320,323 to 330,330 to 344.				
Con VIII	" 14	G.McGlashan	W.Lounsbury & Sons	Jan.11,1964	6 1/2	17	140	88	Fresh	D	Pine red sand 124;sandy clay 200;limestone 201. Water at 201.								
Con VIII	" 16	N.Erdie	P.Merritt	Aug.27,1965	6 1/2	10	65	40	"	D	Brown clay 6;red sand 90;grey gravel 95;quicksand 130;clay gravel 139;grey limestone 142. Water at 142.								
Con VIII	" 17	A.Hansler	"	Aug.27,1965	6 1/2	10	35	30	"	D	Brown clay 6;red sand 95;grey gravel 98;quicksand 130;clay gravel 138;hardpan 139. Water at 139.								
Con VIII	" 20	Ont.Dept. of Highways	S.Merritt	Oct.17,1964	6 1/2	20	34	30	"	P	Blue clay 25;quicksand 60;red clay quicksand mixed 120;red clay gravel 124;Niagara rock 137. Water at 129 and 136.								
Con IX	" 7	W.Lowe	W.Field & Son	Aug.14,1967	6 1/2	30	140	54	"	D	Brown clay sandy loam 60;blue clay gravel 180;sand gravel 200. Water at 195.								
Con IX	" 13	F.Alder	S.Merritt	July 6,1964	5	12	105	90	"	D,S	Sand 20;sand 40;quicksand 180;sand clay 212;Niagara rock 218. Water at 216.								
Con IX	" 14	K.Thomas	"	Nov.2, 1965	6 1/2	2	40	25	"	D	Sandy topsoil 20;quicksand 50. Water from 40 to 50.								
Con IX	" 14	E.Crossley School	International Water Supply Co.	Dec.21,1964						T	Dirty sand 8;sand fine gravel 39;sand fine gravel clay 90;clay sand fine gravel 162;clay sand 180;cemented clay gravel 344;broken rock 345.								
Con IX	" 14	"	"	Jan.13,1965						1-64	Dirty sand 9;sand fine gravel 44;sand fine gravel clay 89;clay sand gravel 160;silt clay 240;clay silt 341;rock.								
Con IX	" 14	"	"	Jan.21,1965						1-65	T Dirty sand 7;sand fine gravel clay 56;sand clay 67;sand clay 98;sand clay 131;sand clay fine gravel 140;silt sand clay 197;silt clay fine gravel 342;cemented clay 344;rock 345.								
Con IX	" 14	"	"	Jan.28,1965						2-65	T Dirty sand gravel 6;silty clay sand gravel 69;packed fine gravel 70;silty clay sand gravel 119;silty clay 181;sticky clay 235;shattered rock 245;limestone.								
Con X	" 11	J.Hinan	W.Lounsbury & Sons	July 30,1965	6 1/2	8	125	48	Fresh	D	Fine red sand 135;sandy clay 178;fine red sand 206;hard shale 209;limestone 216. Water at 216.								
Con XI	" 7	R.Young	W.Field & Son	Oct. 7,1966	6 1/2	100	80	25	"	C	Stones clay 8;blue clay 35;brown sand 120;coarse gravel 132. Water at 130.								
Con XIII	" 2	L.Spinosa	W.Lounsbury & Sons	Aug.25,1965	6 1/2	8	70	14	"	D	Hard clay 18;soft clay 107;hardpan 110;limestone 120. Water at 120.								
Con XIII	" 12	J.Kindt	P.Merritt	May 17,1967	6 1/2	10	20	8	"	D	Brown clay 35;reddish clay 130;quicksand 140;gravel 146. Water from 140 to 160.								
Port Colborne, Town		R.&R.Trucking Co.	R.Schooley	Apr. 7,1965	5	15	15	10	Fresh	C	Blue clay 35;limestone 40. Water at 40.								
		Gordin Ltd.	P.Merritt	Apr.21,1966	6 1/2	10	30	10	Sulphur	C	Rock fill 15;brown clay 35;flint rock 43. Water at 36 and 42.								
		HumberstoneTwp Board of Education	S.Merritt	Aug.13,1966	6 1/2	50	15	11	Fresh	D	Grey clay 6;flint 24. Water at 24.								
		B.Thurston	R.Schooley	Sep.13,1966	6	15	15	9	"	D	Clay 9;limestone 30. Water at 30.								



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont. Port Colborne, Town -	cont.									
	D. Elliot	R. Schooley	Dec. 12, 1966	5	2	20	5	Fresh	D	Rubble 3; shale 29. Water at 29.
	J. Polko	"	Jan. 3, 1967	5	15	11	18	"	D	Rubble 4; shale 38. Water at 38.
	C. Deruyte	"	Mar. 8, 1967	6	15	6	6	"	D	Blue clay 21; gravel 27. Water at 27.
Thorold Twp.	lot 25 G. Dominey	F. Merritt	Dec. 7, 1964	6 1/2	10	25	20	Fresh	S	Red clay 32; grey shale 35. Water at 35.
	" 27 Falconbridge Nickel Mines	W. Lounsbury & Sons	Mar. 31, 1966	6 1/2	8	28	22	Sulphur	C	Rock fill 4; soft brown clay 26; limestone 32. Water at 32.
	" 27 Thorold Docks & Supplies Ltd	"	July 6, 1967	6 1/2	1	50	16 1/2	Fresh	C	Hard brown clay 23; limestone 50. Water at 47.
	" 27 Deacon Structures	F. Merritt	July 29, 1967	6 1/2	7	30	22	"	C	Blue clay 29; grey limestone 38. Water at 36.
	" 36 F. Kehoe	W. Lounsbury & Sons	Jan. 19, 1967	6 1/2	8	25	14	"	D	Hard clay 7; soft blue clay 34; stony hardpan 36; limestone 42. Water at 42.
	" 61 K. Cosby	F. Merritt	Dec. 15, 1967	6 1/2	5	40	25	Sulphur	D	Brown clay 20; clay boulders 25; grey limestone 52. Water at 30 and 50.
	" 79 W. Youngblut	"	Aug. 11, 1966	6 1/2	10	30	24	Fresh	D	Blue clay 26; limestone 35. Water at 35.
	" 80 B. Golfland	W. Lounsbury & Sons	Aug. 5, 1965	6 1/2	15	32	16	"	P	Hard brown clay 15; soft brown clay 28; limestone 33. Water at 32.
	" 80 "	"	July 13, 1967	6 1/2	20	37	12	"	P	Hard brown clay 29; limestone 37. Water at 35.
	" 84 M. Senske	F. Merritt	Mar. 22, 1965	4	10	45	40	"	D	Brown clay 30; sandy loam 65; shale quicksand 69; grey limestone 73. Water from 70 to 73.
	" 100 W. Walton	R. Schooley	Oct. 30, 1964	6	15	35	31	"	D	Blue clay 48; limestone 55. Water at 55.
	" 101 H. Kottmeier	F. Merritt	Feb. 20, 1965	5	10	25	20	"	D	Clay 32; shale 38; limestone 42 1/2. Water at 42.
	" 107 P. Coupland	W. Lounsbury & Sons	July 12, 1965	6 1/2	16	60	33	"	D	Hard brown clay 20; soft blue clay 30; sandy red clay 50; fine red sand 72; limestone 73. Water at 72.
	" 111 D. Saver	W. Field & Son	May 11, 1964	6 1/2	5	65	40	Sulphur	N	Blue clay 58; gravel 59; grey limestone 120. Water at 65 and 120.
	" 111 A. Scott	S. Merritt	Nov. 24, 1967	6 1/2	1 1/2	30	8	Fresh	D	Clay shale 4; Niagara rock 30. Water at 10.
	" 113 B. Kurcin	W. Lounsbury & Sons	May 25, 1964	7	16	54	33	"	P	Hard brown clay 15; soft brown clay 28; hardpan 33; limestone 54. Water at 54.
	" 113 L. Stevens	"	May 29, 1964	6 1/2	16	54	50	"	P	Hard brown clay 15; soft brown clay 25; hardpan 31; limestone 54. Water at 54.
	" 118 J. Lenson	F. Merritt	Nov. 6, 1964	6 1/2	10	38	32	"	D	Blue clay 41; grey limestone 47. Water at 47.
	" 118 D. Vanderloos	"	June 30, 1965	6 1/2	10	25	20	"	D	Brown clay 30; quicksand 42; clay gravel 44; grey limestone 50. Water at 45.
	" 118 R. Stephenson	"	May 25, 1967	6 1/2	10	20	12	"	D	Blue clay 35; grey limestone 39. Water at 38.
	" 133 M. Jaskolo	S. Merritt	Oct. 15, 1966	6 1/2	16	30	13	"	D	Sand quicksand 50; quicksand gravel 60; shale 62. Water at 60.
	" 134 B. Nickolls	"	Sep. 4, 1965	6 1/2	8	12	8	"	D	Sand loam 12; boulders 15; Niagara rock 23. Water at 23.
	" 134 T. Pyment	"	Oct. 17, 1966	6 1/2	12	18	4	"	D	Grey clay sand 13; Niagara rock 30. Water at 22 and 28.
	" 135 L. Konyl	R. Schooley	Nov. 3, 1964	5	10	40	37	"	D	Blue clay 40; gravel 45; limestone 51. Water at 51.
	" 136 W. Pollaway	"	Oct. 27, 1965	5	15	24	24	"	D	Red sandy soil 15; blue clay 52; limestone 54. Water at 54.
	" 145 W. Chrysler	F. Merritt	Nov. 30, 1966	6 1/2	10	45	18	"	D	Red clay 65; red gravel 71; grey limestone 76. Water at 74.
	" 155 R. Barron	S. Merritt	Apr. 28, 1967	6 1/2	10	25	1	"	D	Grey clay sand 28; sand gravel 34. Water at 34.
	" 156 S. Law	"	June 1, 1966	6 1/2	16	16	15	"	D	Sand 38; sand gravel 40. Water at 40.
	" 162 H. Leslie	W. Field & Son	July 2, 1966	6 1/2	50	140	75	"	D	Brown clay 15; brown sandy loam 30; red sandy clay 60; blue clay gravel 160; gravel sand 170. Water at 165.

WELLAND COUNTY - cont.											
Thorold Twp. - cont.											
	lot 164	H. Learn	S. Merritt	Sep. 20, 1966	6½	16	35	30	Fresh	D	Grey clay 15; quicksand 105; gravel clay quicksand 124. Water at 124.
	" 164	F. Arbour	F. Merritt	Feb. 20, 1967	6½	8	25	23	"	D	Sand 8; brown hard gravel 36; gravel 38. Water from 36 to 38.
	" 167	J. Matheas	W. Field & Son	Aug. 30, 1964	8	50	66	66	"	Ir	Brown loam gravel 20; blue clay gravel 70; grey fine sand 90; brown clay 97; gravel 117; quicksand 175; red clay 195; gravel stones 202; limestone 210. Water at 110 and 200.
	" 167	"	"	Sep. 1, 1965	8	200	200	61	"	Ir	Previously drilled 210; deepened limestone 237. Water at 217.
	" 167	"	"	May 8, 1965	6½	30	70	35	"	D,S	Brown sandy clay 20; blue clay 80; blue sand 91; fine gravel 100; coarse gravel 108; hardpan 110. Water at 100.
	" 171	D. Tirone	W. Field & Son	July 18, 1966	6	50	150	45	"	D,S	Dark clay 15; red sandy clay 190; coarse gravel 197. Water at 196.
	" 207	L. Bradley	F. Merritt	May 25, 1965	6½	10	30	20	"	D	Brown loam 30; quicksand 81; gravel boulders 83; shale 84. Water at 84.
	" 209	L. Bockus	"	Sep. 1, 1967	6½	10	30	18	"	D,S	Brown clay 60; red gravel clay 100; gravel 104. Water at 104.
	" 211	R. Taylor	W. Lounsbury & Sons	Sep. 28, 1966	6½	20	40	13	"	D	Sandy loam 4; soft blue clay 60; red sandy clay 80; heaving red sand 90; red sandy clay 116; small coarse gravel 117; limestone. Water at 117.
	" 212	F. Robins	S. Merritt	Nov. 3, 1964	6½	16	30	28	"	D	Blue clay 18; quicksand 105; blue clay stones 120; grey shale 125; Niagara rock 137. Water at 130 and 137.
	" 213	N. Lagodich	F. Merritt	Aug. 12, 1966	6½	10	25	15	"	D	Red clay sand 75; red gravel 106; gravel 107. Water at 107.
	" 219	W. Lee	W. Lounsbury & Sons	Feb. 9, 1964	7	20	81	19	"	D	Hard clay 18; soft blue clay 64; sandy clay 94; stony hardpan 104; sandy clay 116; hardpan 121; limestone. Water at 121.
	" 221	E. Bailey	S. Merritt	Aug. 3, 1964	6½	16	30	20	"	D	Blue clay quicksand 124; Niagara rock 127. Water at 127.
	" 221	B. Phillips	"	Sep. 24, 1964	6½	16	25	22	"	D	Blue clay quicksand 122; Niagara rock 131. Water at 130.
	" 221	G. Foster	F. Merritt	Dec. 2, 1965	6½	10	20	16	"	D	Blue clay 20; sandy loam 42; soft red clay 130; red gravel 147; grey limestone 151. Water at 150.
	" 221	N. Griffith	"	Apr. 26, 1967	6½	10	25	20	"	D	Brown clay 20; red clay 109; quicksand 120; gravel 128. Water at 128.
	" 221	G. Schaftrick	"	Dec. 8, 1967	6½	10	25	18	"	D	Brown clay 40; red soft clay 60; red quicksand 75; pecked red gravel 95; quicksand 110; red clay gravel 120; grey Niagara rock 133. Water at 130.
	" 227	E. Cyopik	W. Lounsbury & Sons	Apr. 4, 1967	6½	5	70	22	"	D	Marley red sand 28; soft blue clay 40; marley grey sand 98; limestone 103. Water at 98.
Mainfleet Twp.											
Con I	lot 5	G. Loncar	R. Schooley	June 11, 1964	6	5	16	16	Fresh	D	Blue clay 14; grey limestone 24. Water at 24.
Con I	" 7	T. Scheeler	"	May 5, 1964	6	1	24	15	"	D	Sand gravel 10; limestone 24. Water at 24.
Con I	" 11	G. Rossi	"	July 30, 1964	6	15	19	15	Sulphur	D	Sand gravel 9; flint 30; grey limestone 39. Water at 39.
Con I	" 11	D. Gregg	"	Aug. 14, 1964	5	10	12	12	Fresh	D	Sandy soil 3; flint 25; limestone 31. Water at 31.
Con I	" 11	E. Ellsworth	W. Merritt	Nov. 22, 1966	6½	12	42	35	Sulphur	S	Grey clay 23; flint 61. Water from 45 to 60.
Con I	" 12	E. Embleton	R. Schooley	Aug. 24, 1965	6	15	12	12	"	D	Gravel 9; limestone 25. Water at 25.
Con I	" 12	S. Roll	"	Aug. 28, 1965	6	15	12	12	"	D	Sandy clay 5; limestone 21. Water at 21.
Con I	" 12	W. McIntyre	"	Sep. 27, 1965	6	10	18	14	Fresh	D	Clay loam 2; flint 20; limestone 29. Water at 29.
Con I	" 12	O. Pine	W. Merritt	Sep. 1, 1966	6½	16	16	15	"	D	Sand 9; flint 28. Water at 28.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont.										
Wainfleet Twp. - cont.										
Con I	lot 13 J. LeBlanc	R. Schooley	Apr. 29, 1964	6	10	10	10	Fresh	D	Sand 8; grey limestone 31. Water at 31.
Con I	" 14 H. Gawlena	S. Merritt	Oct. 31, 1966	5	8	28	25	"	D	Topsoil 1; shale rock 10; flint 38. Water from 32 to 38.
Con I	" 15 Z. Dojka	F. Merritt	July 6, 1964	6 1/2	5	20	10	"	D	Blue clay gravel 7; flint 25. Water at 20.
Con I	" 15 N. Unteg	S. Merritt	June 26, 1965	6	6	38	18	"	D	Clay 2; flint 41. Water from 26 to 40.
Con I	" 15 E. Porter	"	Sep. 13, 1966	6 1/2	4 1/2	52	32	"	D	Sand clay 3; flint 62. Water from 52 to 60.
Con I	" 15 E. Henery	"	Nov. 17, 1966	6 1/2	12	35	30	"	D	Topsoil 1; flint 56. Water at 54.
Con I	" 16 W. Saunders	R. Schooley	Dec. 18, 1967	6	15	15	4	"	D	Clay 4; flint 31. Water at 31.
Con I	" 17 J. Williams	F. Merritt	Feb. 23, 1966	6 1/2	10	15	10	"	D	Brown clay 30; shale 33. Water at 33.
Con I	" 17 Lakewood Camp	"	Feb. 17, 1966	6 1/2	6	45	1	"	P	Sandy loam 18; flint 49. Water at 35.
Con I	" 18 J. McWatters	R. Schooley	May 22, 1964	5	15	7	Flows	"	D	Sand 6; clay 27; grey limestone 35. Water at 35.
Con I	" 19 B. Wood	S. Merritt	June 25, 1965	6 1/2	4	30	15	"	D	Sand stones 9; flint 30. Water at 29.
Con I	" 20 W. Farr	R. Schooley	Apr. 13, 1966	6	6	28	14	"	D	Gravel 8; grey limestone 40. Water at 40.
Con I	" 20 H. Grabell	"	Sep. 27, 1966	6	15	30	30	Sulphur	D, S	Clay 8; flint 52. Water at 52.
Con I	" 20 H. Grunter	S. Merritt	Dec. 30, 1966	6 1/2	15	20	15	Fresh	D	Sand gravel 10; ironk 45. Water from 35 to 44.
Con I	" 20 M. Golubic	R. Schooley	Apr. 20, 1967	6	15	30	20	"	D	Gravel 9; flint 41. Water at 41.
Con I	" 30 D. Hukh	"	June 6, 1964	6	1	65	18	Sulphur	N	Red clay 22; blue clay 52; flint 65. Water at 65.
Con II	" 6 J. Lelay	"	July 31, 1967	6	15	30	30	Fresh	D	Loose rock 8; limestone 65. Water at 65.
Con II	" 13 J. Rose	S. Merritt	Dec. 16, 1966	6 1/2	16	10	6	"	S	Grey clay 45; clay gravel 50; shale 51. Water at 51.
Con III	" 34 Valley Field Farms	F. Merritt	June 23, 1964	6 1/2	20	20	16	"	S	Brown sand 15; blue clay 40; gravelly clay 95; gravel 97; red clay 155; blue gravel shale 160. Water at 160.
Con V	" 3 P. Habjan	R. Schooley	Aug. 2, 1965	5	20	8	8	"	D	Blue clay 60; sand 120; fine gravel 129. Water at 129.
Con V	" 29 O. Lambert	S. Merritt	Apr. 25, 1967	6 1/2	14	25	8	"	S	Clay 90; packed red sand clay 135; sand 138. Water at 138.
Con VII	" 29 G. Coverdale	S. Merritt	Aug. 8, 1966	6 1/2	16	8	4	"	S	Clay 65; clay gravel 108; sand gravel 111. Water at 110.
Con VII	" 36 Brenzil Constr.	"	Feb. 14, 1964	6 1/2	16	15	11	"	S	Clay 112; gravel clay 122; hardpan shale 124. Water at 124.
Con VII	" 36 Valley Field Farms Ltd.	F. Merritt	Oct. 27, 1966	6 1/2	15	25	15	"	S	Brown clay 15; blue clay 120; blue shale 122. Water at 122.
Willoughby Twp.										
Con III	lot 8 J. Gabor	R. Schooley	May 21, 1966	6	4	50	15	Sulphur	D, S	Blue clay 63; gravel 67. Water at 67.
Con V	" 7 A. Gautier	"	Oct. 21, 1965	6	20	17	17	"	D, S	Blue clay 50; gravel 56. Water at 56.
Con VI	" 12 T. Stainke	F. Merritt	June 28, 1965	6 1/2	10	15	10	Fresh	D	Brown loam 30; blue clay 65; gravel clay 69; gravel shale 71. Water from 70 to 71.

WELLINGTON COUNTY  
Arthur, Village

		Vlg. of Arthur	Graham Well Drlg.	Nov. 29, 1966	10	85	235	35	Fresh	P	Topsoil 1; brown clay 16; grey clay small stones 45; grey clay fine sand 60; grey clay small stones 82; grey clay fine sand 110; grey clay small stones 118; hard packed clay small stones 164; coarse gravel sand 168; brown rock 174; grey rock 195; grey brown rock 208; light brown rock 239; dark brown rock 248; light grey brown rock 271; light grey rock 292; white rock 312; light grey white rock 324; light brown rock 345; light brown grey rock 372. Water at 200 and 372.
Arthur Twp.	lot 1	K. Ryckman	Water Well Drlg.	Aug. 6, 1966	5	15	20	12	Fresh	D, S	Dug well 14; hardpan large stones 69; grey limestone 126. Water at 125.
Con I	"	1 Ont. Dept. of Highways	G. Davidson	Mar. 8, 1966	6	6	31	22	"	P	Topsoil 1; clay boulders 30; sand gravel clay 33; clay stones 38; soft shale 43; brown hard limestone 56; broken soft limestone 68; medium hard limestone 75; brown yellow limestone shale 80. Water from 75 to 80.
Con II	"	9 J. Maas	Durham Drlg. & Enterprises Ltd.	Aug. 10, 1964	4	15	20	20	"	D, S	Open hole 27; grey sand 55; white rock 70. Water from 65 to 70.
Con II	"	10 K. Zimmerman	G. Davidson	Aug. 17, 1966	4	25	7	6	"	D, S	Topsoil 1; gravel sand 10; clay stones 24; hardpan gravel stones 67; grey rock 98; red brown shale 102; brown rock 112. Water at 112.
Con III	"	9 A. McDonald	Durham Drlg. & Enterprises	Dec. 29, 1965	4	20	25	20	"	D, S	Topsoil 2; hard stony gravel 18; hardpan 63; hard brown rock 76. Water from 65 to 75.
Con IV	"	12 A. Snyders	"	Sep. 3, 1965	4	15	20	14	"	D, S	Open hole 20; sandy clay 40; clay boulders 50; sandy clay 80; gravelly clay 100; quicksand 115; sand 125; gravel 132. Water from 120 to 132.
Con V	"	8 J. Shuh	"	Mar. 6, 1967	4	7	90	40	"	D, S	Topsoil 1; brown clay boulders 18; brown clay 55; brown hardpan 85; brown sand clay 178; brown hardpan 185; hard brown rock 320; white limestone 340. Water from 320 to 340.
Con V	"	21 A. Stokje	"	Jan. 2, 1964	4	10	20	15	"	D, S	Open hole 20; sand clay 90; clay 130; quicksand 150; clay gravel 158; grey limestone 175. Water from 170 to 174.
Con V	"	25 F. Machado	Ladco Drlg. & Exploration Co.	July 6, 1967	5	15	15	12	"	D, S	Clay rocks 210; blue rock 214. Water at 213.
Con VI	"	8 M. Elliott	G. Davidson	Oct. 22, 1965	4	4	100	40	"	D, S	Gravel boulders 20; hardpan 48; brown soft shale 60; blue soft shale 90; blue brown soft rock 112; blue grey hard rock 141. Water from 112 to 141.
Con VI	"	24 E. Reid	Water Well Drlg.	Aug. 8, 1967	5	20	52	52	"	D, S	Topsoil 3; sandy clay 67; hardpan 110; grey limestone 127; blue shale layers grey limestone 212. Water at 186 and from 207 to 212.
Con VIII	"	1 T. Weidemann	Durham Drlg. & Enterprises Ltd.	Feb. 25, 1966	4	12	30	25	"	D, S	Open hole 25; grey clay 100; sand 105; gravel 108. Water from 105 to 108.
Con VIII	"	13 L. Thompson	"	July 7, 1967	4	10	65	60	"	D, S	Topsoil 3; sandy clay 40; soft grey clay 60; sand 80; hard gravelly clay 95; blue limestone 105; brown rock 138. Water from 110 to 138.
Con IX	"	17 W. Allen	"	Feb. 4, 1964	4	18	40	32	"	D, S	Open hole 10; boulders clay 30; sandy clay 60; grey clay 75; blue shale 98; hard brown rock 104. Water from 80 to 104.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Arthur Twp. - cont.										
Con XI lot 2	J. Jarvis	Durham Drlg & Enterprises	May 26, 1964	4	20	40	24	Fresh	D, S	Boulders 40; sandy clay 60; yellow sand 110; grey clay 130; yellow sand 140; grey clay 155; sandy clay 157; blue shale 162. Water from 145 to 157.
Con XI "	7 G. McLellan	G. Davidson	Jan. 26, 1965	4	30	90	84	"	S	Sand gravel stones 45; blue clay 53; clay boulders 110; hardpan stones 144; bridging clay sand 209; brown hard clay 252; brown bridging clay 300; brown soft rock 302; hard white rock 308; grey blue rock 326. Water at 326.
Con XII "	11 E. Shaw	Water Well Drlg.	Apr. 15, 1965	4	8	58	40	"	D, S	Dug well 30; sand 40; grey clay 52; brown clay 90; hardpan gravel 137; mixed shale limestone 158. Water at 155.
Con XII "	17 R. Wade	"	July 28, 1967	5	22	60	60	"	D, S	Topsoil 2; clay 35; hardpan 55; gravel 64; grey shale limestone mixed 161. Water from 155 to 160.
OSRE lot 3	L. Francis	Water Well Drlg.	Apr. 1, 1966	5	10	60	60	Fresh	D, S	Back fill 10; hardpan 70; gravel clay mixed 120; loose brown limestone 125; grey crumbling shale 134; grey limestone 194. Water at 190.
OSRE "	8 B. Scott	G. Davidson	Dec. 8, 1964	4	25	45	35	"	D, S	Topsoil sandy clay 4; brown clay 12; clay sand gravel 35; gravel coarse stones 87; hardpan 129; blue shale 138; bluish brown soft hard rock 157. Water from 147 to 157.
OSRE "	11 K. Brown	"	Nov. 10, 1964	4	10	47	28	"	D, S	Topsoil 2; hardpan stones sandy gravel 94; blue shale 103; blue rock 115; blue brown soft shale limestone 140. Water from 135 to 140.
OSRW "	4 J. Weidemann	Durham Drlg. & Enterprises	July 16, 1965	4	15	44	24	"	D, S	Topsoil 2; hardpan boulders 22; sandy clay 70; boulders clay 130; brown rock 143. Water from 135 to 142.
OSRW "	31 S. Sharpe	"	Oct. 12, 1964	4	15	35	28	"	D, S	Open hole 22; soft grey clay 100; sandy clay 150; quicksand 180; fine grey sand 200; soft shale 205; fine gravel 212. Water from 205 to 212.
Clifford, Village	Vlg. Clifford	International Water Supply Ltd.	Apr. 10, 1964	10	150	82	31	Sulphur	P	Gravel fill 2; sandy clay gravel 28; sandy clay gravel streaks cemented 90; soft sandy clay 106; clay gravel 118; shale streaks brown limestone 132; brown limestone streaks grey shale 175; grey shale 179. Water at 155.
	C. Bismar	E. Keeso	May 8, 1967	5	200	15	5	Fresh	C	Clay stones 12; hardpan boulders 101; brown shale 123; brown limestone 164. Water from 162 to 164.
Drayton, Village	L. McIntosh	G. Davidson	Sep. 1, 1965	4	12	30	21	Fresh	D	Topsoil 1; blue clay 11; sand 25; blue clay 73; clay sand gravel 105; hardpan sand gravel 138; shale 157; grey rock 165. Water at 165.
	H. Bell	"	June 4, 1965	4	12	40	38	"	D	Topsoil 2; clay stones 75; hardpan clay stones 101; sand gravel stones 124; clay stones 130; sand stony hardpan 161; clay sand hardpan 240; clay shale 279; brown rock 295. Water at 295.
	W. Bos	"	Aug. 22, 1967	4	10	90	82	"	D	Topsoil 1; clay stones 19; hardpan 48; quicksand 75; blue soft clay 110; loose brown soft rock 128; blue soft shale 160. Water at 160.

WELLINGTON COUNTY - cont.  
Drayton, Village - cont.

		Vlg. of Drayton	McLaughlin Water Wells & Supply	June 5, 1967	10	200	17	Flows	Fresh	P	Topsoil 3; silty gravel 14; grey clay 86; grey dirty gravel 87; grey clay sand 134; brown clay sand 187; grey limestone 196; grey limestone sand streaks 204; grey limestone 215; grey blue limestone 217. Water from 204 to 217.
Elora, Village											
		J. Moir	C. Hill	July 16, 1965	4	10	65	18	Fresh	D	Clay 40; gravel 47; grey rock 110. Water at 110.
		C. Morton	J. Cudney	July 27, 1966	4	10	80	60	"	D	Dry well 4; sandy clay 20; yellow clay 65; white limestone 180. Water at 175.
		H. Packull	"	Nov. 11, 1966	4	7	60	37	"	D	Sandy clay 60; hard clay 75; grey limestone 150. Water at 150.
Eramosa Twp.											
Con I	lot 1	E. Millson	C. Hill	May 27, 1967	4	15	5	5	Fresh	D	Topsoil 1; grey limestone 56. Water at 56.
Con I	" 5	P. Olkusz	J. Sprowl	Dec. 9, 1965	4 1/2	7	30	11	"	D, S	Sand gravel 8; black flint rock 62. Water at 30 and 58.
Con I	" 11	P. Curtis	C. Hill	Apr. 4, 1964	4	3	81	50	"	D	Clay 75; gravel sand 92; brown limestone 139. Water at 139.
Con I	" 13	E. Hill	"	Oct. 27, 1966	4	12	45	26	"	D	Hard gravel boulders 68; hard brown rock 95. Water at 95.
Con I	" 13	G. Wurr	"	Mar. 28, 1967	4	10	45	14	"	D	Fill 3; stony gravel sand 68; brown rock 90. Water at 90.
Con I	" 19	G. Parkinson	J. Cudney	July 14, 1967	4	5	60	20	"	D	Sandy clay 35; hardpan large stones 51; grey limestone 112. Water at 112.
Con I	" 25	Pronge Pump Service	W. Packham	June 15, 1965	8	60	35	19	"	C	Clay loam 10; stones clay 45; sand gravel silty clay 55; stones gravel 85; bedrock 125; dark blue rock 145.
Con I	" 32	R. Mulder	J. Cudney	May 8, 1966	4 1/2	7	80	66	"	D	Sand 30; sandy clay 110; brown limestone 160. Water at 155.
Con II	" 1	R. Bell	J. Sprowl	Dec. 31, 1964	4	7	35	30	"	D	Formerly drilled well 50; grey limestone 92. Water at 85 and 90.
Con II	" 1	H. Schelke	"	July 30, 1964	4 1/2	15	10	6	"	D	Topsoil 1; brown limestone 18; brown rust 19; light brown limestone 69. Water at 45, 65 and 66.
Con II	" 1	Dr. Schavo	Graham Well Drlg.	Sep. 23, 1964	4	10	33	30	"	D	Topsoil 1; brown clay stones 4; brown rock 24; dark grey rock 33; dark brown rock 52; light grey rock 74. Water from 70 to 74.
Con II	" 1	Eden Mills Community Hall	J. & J. Sprowl	Aug. 31, 1966	4	20	20	12	"	P	Topsoil 1; grey limestone 73. Water at 45, 63 and 70.
Con II	" 2	J. Ruiter	Graham Well Drlg.	Feb. 14, 1964	4 1/2	10	90	85	"	D	Clay sand gravel 34; broken limestone 42; brown dark rock 88; hard brown rock 105; dark grey rock 110; light grey rock 115. Water from 112 to 114.
Con II	" 2	A. Lord	C. Hill	Sep. 16, 1966	4	15	15	10	"	D	Dug hole 5; grey limestone 51. Water at 51.
Con II	" 2	L. Rubman	J. Sprowl	Feb. 18, 1964	4 1/2	5	123	123	"	D	Brown clay gravel mixture 40; grey clay gravel 69; black flint 130; dark grey limestone 140; open rock 147. Water at 85 and from 140 to 145.
Con II	" 3	K. Kloepfer	Graham Well Drlg.	May 16, 1966	5	15	20	13	"	D	Topsoil 2; brown clay broken rock 8; dark grey rock 63. Water at 63.
Con II	" 4	D. Locke	J. Sprowl	Jan. 21, 1966	4 1/2	3	79	10	"	D	Clay gravel 8; black flint 79. Water at 35 and 75.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Eramosa Twp. - cont.										
Con II lot 4	T. Martini	A. Earley	June 13, 1966	4	15	30	20	Fresh	D	Stones gravel 20; dark brown rock 52. Water at 52.
Con II " 4	I. Wallace	"	Dec. 15, 1966	4	10	15	8	"	D	Clay stones 6; brown rock 48; grey rock 50. Water at 31 and 48.
Con II " 4	N. Martini	"	Aug. 25, 1967	4	12	35	25	"	D	Sand 12; brown rock 50. Water at 40 and 50.
Con II " 4	R. Anderson	C. Hill	Oct. 18, 1967	4	5	65	6	"	D	Gravelly clay 10; hard brown rock 85. Water at 85.
Con II " 5	P. Dudnick	A. Earley	Apr. 16, 1966	4	10	20	15	"	D	Topsoil 1; sandy brown clay stones 3; brown rock 44. Water at 32 and 42.
Con II " 6	J. Steinacker	C. Hill	Sep. 23, 1965	4	10	22	22	"	D	Very stony clay 8; brown rock 57. Water at 57.
Con II " 11	C. Leaman	Graham Well Drlg.	Feb. 16, 1964	5	10	15	6	"	D	Stones brown clay 12; light brown limestone 65; black limestone 77. Water at 77.
Con II " 13	R. Dorgeloos	"	Aug. 9, 1965	4 1/2	10	40	17	"	D	Gravel stones 45; hard packed sand 64; dark grey stone 90; black stone 94. Water at 92.
Con II " 13	A. McQuinn	"	Aug. 13, 1965	4 1/2	10	60	43	"	D	Clay stones boulders 75; brown stone 114; black stone 117. Water at 116.
Con II " 13	R. Miller	"	Dec. 19, 1966	4	10	30	14	"	D	Brown clay stones 28; brown clay gravel 67; brown rock 83; dark brown rock 97. Water at 90.
Con II " 13	F. Milson	J. Cudney	Sep. 29, 1967	4	5	60	22	"	D	Stony clay 73; hard black limestone 100. Water at 100.
Con II " 15	C. Oakes	C. Hill	June 13, 1966	4	10	65	35	"	D, S	Clay gravel mixed 57; grey limestone 110; hard brown rock 122. Water at 122.
Con II " 21	W. Bulzer	"	Nov. 18, 1964	4	10	60	18	"	D	Clay 31; grey limestone 84. Water at 84.
Con II " 26	R. Martin	Graham Well Drlg.	May 5, 1966	4 1/2	8	85	60	"	D, S	Topsoil 1; brown clay stones 55; grey clay 75; broken light brown rock clay 90; light brown rock 180; light grey rock 200. Water from 140 to 198.
Con II " 26	G. Cox	C. Hill	Sep. 12, 1967	4	8	65	32	"	D	Clay stones 30; hard cemented gravel 76; grey limestone 131. Water at 131.
Con II " 27	N. Rozyke	J. Cudney	Oct. 6, 1964	4 1/2	10	40	23	"	D	Clay 45; grey limestone 140. Water at 140.
Con III " 5	A. Stumpe	A. Earley	Apr. 10, 1965	4	12	30	25	"	D	Black soil 4; brown hard rock 41; brown limestone 43; blue rock 61; grey rock 78. Water at 46, 63 and 78.
Con III " 5	S. Austin	Graham Well Drlg.	Aug. 20, 1965	4 1/2	10	45	31	"	D	Topsoil 1; light brown rock 40; light grey rock 48; yellow rock 51. Water at 50.
Con III " 11	W. Rendell	Ladco Well Digging Ltd.	June 12, 1965	30	60		65	"	D	Clay 25; clay boulders 65; sand 72; sandy clay 73. Water from 65 to 72.
Con III " 11	C. Martin	Ladco Drlg.	Sep. 26, 1967	4	15	90	88	"	D	Clay rocks 105; brown limestone 140; black rock 175; grey rock 218; white grey limestone 258. Water at 230 and 256.
Con III " 12	N. Brydges	C. Hill	May 30, 1964	4	11	70	30	"	D	Clay 19; grey limestone 65; hard flint 119. Water at 119.
Con III " 12	B. Hopkins	"	Sep. 19, 1967	4	12	20	8	Sulphur	D	Clay 29; hard black rock 70. Water at 70.
Con III " 13	C. Patterson	A. Earley	Sep. 24, 1966	4	10	80	33	Fresh	D	Clay stones 43; limestone 92; dark brown rock 102. Water at 53, 92 and 101.
Con III " 14	G. Storey	Ladco Drlg.	Jan. 4, 1964	4	10	40	35	"	D, S	Brown clay rocks 45; grey limestone 85; black rock 132; dark grey limestone 147. Water from 140 to 145.
Con III " 14	A. Pourie	Graham Well Drlg.	July 14, 1964	4 1/2	15	30	20	"	D, S	Dug well 27; grey limestone 69; brown limestone 115; dark brown limestone 124; black rock 154. Water at 150.
Con III " 21	A. Cook	J. Cudney	June 12, 1967	4 1/2	8	80		"	S	Stony clay 18; hard brown limestone 150. Water at 150.
Con III " 22	C. Wheeler	"	May 27, 1965	4 1/2	10	45	12	"	D	Topsoil 4; grey limestone 70; brown limestone 80. Water at 80.
Con IV " 2	E. Tosh	J. Sprowl	Feb. 4, 1965	4 1/2	15	35	32	"	S	Huge boulders gravel 31; dark blue limestone 121; blue grey limestone mixture 140. Water at 72, 75, 85, 93, 121 and 135.
Con IV " 2	J. Wendorf	Graham Well Drlg.	May 25, 1967	4	10	30	23	"	D	Topsoil 2; brown clay stones 28; brown rock 34; dark grey rock 73; light grey rock 80. Water from 73 to 80.



## WELLINGTON COUNTY - cont.

## Eramosa Twp. - cont.

Con IV	lot 4	L.Hilts	C.Hill	Dec.18,1964	4	10	60	40	Fresh	D	Sandy clay 10;rough gravel large stones 30;clay 40;black rock 96. Water at 96.
Con IV	" 4	"	"	Oct. 5,1965	4	6	60	30	"	D	Clay 40;brown rock 96. Water at 96.
Con IV	" 4	M.Crumb	Hadco Well Digging Ltd.	June 15,1967	5	6	65	40	"	D	Topsoil 1;sandy clay 14;fine gravel 22;blue clay stones 33; brown rock 55;blue rock 70. Water at 70.
Con IV	" 4	G.Baldwin	A.Earley	Sep.19,1967	4	10	30	20	"	D	Boulder gravel 28;rock 50;grey rock 61. Water at 55 and 61.
Con IV	" 4	L.Hiltz	"	Nov.24,1967	4	10	60	35	"	D	Stones clay 25;sand 27;gravel clay 34;limestone 50;blue rock 76. Water at 50 and 76.
Con IV	" 5	Grand Valley Conservation Authority	Graham Drlg.	May 15,1964	5	30	70	45	"	P	Gravel stones 13;brown limestone 65;grey limestone 130;black rock 142;white limestone 206;grey shale 207. Water from 160 to 205.
Con IV	" 5	OWRC	G.Hart & Sons	Dec. 1,1967	10	50	100	60	"	P	Brown topsoil 3;brown clay boulders 15;limestone 210. Water at 77 and 190.
Con IV	" 5	Free Force Investments	C. Hill	May 23,1967	4	10	42	40	"	P	Grey limestone 127. Water at 127.
Con IV	" 5	Presbyterian Church	"	Feb.11,1965	4	10	40	37	"	P	Fill boulders 10;hard grey limestone 77. Water at 77.
Con IV	" 5	K.Murray	Ladco Drlg.	May 25,1965	4	5	50	30	"	D	Clay rocks 8;light grey limestone 105. Water at 40 and 100.
Con IV	" 5	C.McInnis	C.Hill	Nov.18,1965	4	3 1/2	100	50	"	D	Clay streaks gravel 21;grey blue rock 152. Water at 152.
Con IV	" 5	W.Craig	"	Feb.17,1966	4	7	100	51	"	D	Clay 2;grey limestone 138. Water at 138.
Con IV	" 5	N.Anderson	"	Feb.26,1966	4	10	60	30	"	D	Dug well 10;grey rock 96. Water at 96.
Con IV	" 5	Eramosa Recreation Centre	"	May 27,1966	5	10	125	70	"	P	Fill clay 12;grey limestone 175. Water at 175.
Con IV	" 5	Eramosa Twp School Board	Graham Well Drlg.	July 20,1966	8 1/2	15	150	60	"	P	Brown clay stones 16;brown rock clay 27;brown rock 44;grey rock 113;bluish grey rock 198;blue shale 202. Water at 125 and 190.
Con IV	" 5	J.Sargent	J.&J. Sprowl	Oct.14,1966	4	5	50	40	"	D	Sand 4;dark brown limestone 25;light grey limestone 90;dark blue limestone 102. Water at 45 and 98.
Con IV	" 5	R.Facey	C.Hill	May 13,1967	4	9	75	55	"	D	Gravelly clay 5;grey limestone 85. Water at 85.
Con IV	" 5	E.Perguson	"	Aug.17,1967	4	9	75	40	"	D	Very stony gravel 9;grey rock 82. Water at 82.
Con IV	" 5	N.Brain	A.Earley	Nov.18,1967	4	3	80	40	"	D	Limestone 60;blue rock 90. Water at 60 and 90.
Con IV	" 6	OWRC	G.Hart & Sons	Dec. 1,1967	10	200	40	12	"	P	Brown topsoil 3;coarse stony gravel layers clay 11;gravel less stones 20;pea gravel 20;limestone dolomite 198. Water at 44 and between 96 and 180.
Con IV	" 6	F.Taylor	Ladco Drlg. & Exploration Co.	May 21,1965	4	8	50	35	"	D	Clay rocks 6;light grey limestone 60;dark grey limestone 100; light grey limestone 150. Water at 55 and 145.
Con IV	" 7	J.Gooyers	J.Sprowl	Feb. 1,1964	4	5	35	29	"	D	Old drilled well 72;grey limestone 99. Water at 95.
Con IV	" 7	"	C.Hill	June 27,1964	4	12	35	17	"	D	Clay 10;grey limestone 97. Water at 97.
Con IV	" 7	W.Ritchie	"	June 4,1966	4	15	40	20	"	D	Clay gravel streaks 28;grey limestone 100. Water at 100.
Con IV	" 9	G.Thompson	Graham Well Drlg.	Sep.15,1967	4	8	130	45	"	D	Topsoil 2;brown clay stones 25;brown clay gravel 224;light brown rock 230;dark brown rock 245. Water at 245.
Con IV	" 10	R.Tait	"	Jan. 7,1964	4	5	60	35	"	D,S	Brown clay rocks 20;grey clay rocks sand layers 60;brown limestone 100;black rock 130;grey rock 145;light blue limestone 178. Water from 145 to 178.
Con IV	" 4	H.Batchellor	A.Earley	July 20,1967	4	6	60	35	"	D	Sand stones clay 30;brown rock 75. Water at 50 and 75.
Con IV	" 13	J.Allan	C.Hill	Jan.14,1965	4	20	25	"	"	Ir	Soft clay gravel 12;hard brown rock 68. Water at 68.
Con IV	" 13	W.Hatch	"	Sep.29,1965	4	9	45	8	"	D,S	Clay 8;brown limestone 45;hard brown rock 69. Water at 69.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Eramosa Twp. - cont.										
Con IV	lot 13 M. Oliver	Graham Well Drlg.	July 28, 1966	4	10	55	20	Fresh	D	Brown clay big stones 12; brown clay gravel sand 37; light brown rock 97. Water at 50.
Con IV	" 16 H. Buitenhuis	C. Hill	Dec. 31, 1966	4	10	60	20	"	D	Sandy clay 29; grey limestone 92. Water at 92.
Con IV	" 25 M. Smeltzer	J. Cudney	Sep. 17, 1964	4 1/4	9	40	27	"	D	Sand 20; clay stone 70; grey limestone 128. Water at 128.
Con IV	" 26 J. McCormick	Ladco Drlg.	Sep. 16, 1964	4	8	65	45	"	D	Sand 25; clay stones 84; grey limestone 92; white limestone 168. Water at 130 and 165.
Con V	" 1 OWBC River Basin Research	F. Johnston	Mar. 17, 1966	5	43	21	5	"	T	Fine brown sand silt 10; damp dark brown fine sand 16; fine brown sand silt 26; sand gravel 29; bedrock 31. Water from 26 to 29.
Con V	" 1 "	"	May 2, 1966	1 1/2			11	"	T	Fine brown sand silt 10; dark brown fine sand 26; sand gravel 29; bedrock 51. Water from 26 to 29 and from 50 to 51.
Con V	" 4 R. Barclay	C. Hill	Oct. 8, 1966	4	5	65	20	"	D	Grey rock 101. Water at 101.
Con V	" 4 T. Korn	"	Apr. 20, 1967	4	10	60	35	"	D	Very stony gravelly clay 10; grey limestone 96. Water at 96.
Con V	" 5 Mill End Store	"	Nov. 4, 1966	4	10	70	30	"	C	Pill sand 8; clay 16; grey limestone 104. Water at 104.
Con V	" 6 S. DeVries	J. Sprowl	Sep. 30, 1965	4 1/4	10	20	15	"	D	Pill stones clay 5; black flint rock 30; dark blue hard limestone 60; dark grey limestone 77. Water at 30 and 74.
Con V	" 6 G. Hutt	C. Hill	Apr. 12, 1966	4	10	30	18	"	D	Clay 5; hard stony gravel 41; grey limestone 126. Water at 126.
Con V	" 6 R. Gidden	"	Aug. 13, 1966	4	12	20	8	"	D	Clay large stones 15; hard brown rock 55. Water at 55.
Con V	" 6 A. Croft	"	Oct. 1, 1966	4	5	50	20	"	D	Stony gravel 12; grey rock 90. Water at 90.
Con V	" 8 Gray Poultry Farms	Ladco Drlg.	July 1, 1966	6	15	90	70	"	D, S	Clay rocks 110; grey limestone 262. Water at 258.
Con V	" 9 J. Thomson	Graham Well Drlg.	Nov. 6, 1967	4	15	83	73	"	D, S	Topsoil 2; brown clay stones 65; brown clay gravel 128; dark brown rock 140; light brown rock 188. Water at 185.
Con V	" 6 T. Grald	C. Hill	Aug. 3, 1965	4	10	40	40	"	D	Rough gravel 30; clay 50; gravel 46; black shale 60; grey limestone 131. Water at 130.
Con V	" 11 M. Elsdon	"	Jan. 11, 1967	4	20	40	20	"	D, S	Sandy clay 35; grey limestone 132. Water at 132.
Con V	" 12 B. Robinson	Graham Well Drlg.	Apr. 19, 1966	5	15	40	19	"	D	Topsoil 1; fine brown sand 20; soft blue clay 40; blue clay gravel 60; brown limestone 100; black grey limestone 140; blue limestone 169. Water from 150 to 167.
Con V	" 14 J. Deregt	C. Hill	Jan. 20, 1965	4	10	50	6	"	D	Soft clay 5; hard grey rock 61. Water at 61.
Con V	" 21 G. Harwood	Ladco Drlg.	Nov. 24, 1965	4	8	65	38	"	D, S	Clay sand layers 50; clay 75; gravel loose rock 87; limestone 130. Water at 127.
Con V	" 21 D. Whyllie	Graham Well Drlg.	Aug. 31, 1965	4 1/4	15	20	6	"	D	Clay gravel boulders 18; clay gravel 22; light grey stone 40; light grey stone 40; brown stone 72; dark brown stone 81. Water at 78.
Con V	" 22 Eramosa Twp. School	Ladco Drlg. & Exploration Co	May 19, 1964	5	30	75	50	"	P	Clay rocks 78; light grey rock 160; dark grey rock 210; brown rock 220. Water from 150 to 160 and from 214 to 218.
Con VI	" 13 J. Stewart	Graham Well Drlg.	Feb. 5, 1964	5	10	80	48	"	D, S	Clay stones 56; soft stony clay 60; heavy boulders 65; brown limestone 92; light grey limestone 186; medium grey limestone 200. Water from 190 to 198.
Con VI	" 16 W. Wells	C. Hill	June 3, 1967	4	7	80	20	"	D	Sandy clay 43; grey limestone 134. Water at 134.
Con VI	" 16 G. Mack	Ladco Drlg.	Jan. 27, 1964	4	5	50	40	"	D, S	Brown clay rocks 25; grey clay rock 52; brown limestone 170; blue limestone 198. Water from 195 to 197.
Con VI	" 19 K. Garbotz	C. Hill	May 16, 1966	4	10	85	80	"	D, S	Clay 122; brown broken rock 147. Water at 147.
Con VII	" 11 P. Lillie	J. Cudney	Apr. 18, 1964	4 1/4	7	50	9	"	D	Clay 5; grey limestone 92. Water at 92.
Con VII	" 11 K. Kiernan	"	Apr. 27, 1964	4 1/4	4	75	34	"	D	Clay 4; grey limestone 100. Water at 100.
Con VII	" 12 A. Parker	C. Hill	June 4, 1964	4	10	60	5	"	D	Clay 4; shale 15; grey limestone 85. Water at 85.

## WELLINGTON COUNTY - cont.

## Eramosa Twp. - cont.

Con VII	lot 12	H. Jestin	C. Hill	Sep. 15, 1964	4	5	50	7	Fresh	D	Clay gravel 7; greyish blue rock 85. Water at 85.
Con VII	" 12	T. McCutcheon	"	Sep. 23, 1964	4	5	50	8	"	D	Clay 4; greyish blue rock 87. Water at 87.
Con VII	" 12	J. Adams	"	May 10, 1965	4	5	30	6	"	D	Clay gravel 8; grey limestone 101. Water at 101.
Con VII	" 12	A. Shay	"	May 2, 1966	4	5	80	8	"	D	Clay 6; hard blue grey limestone 105. Water at 105.
Con VII	" 12	N. Beecraft	A. Earley	July 7, 1967	4	1 1/2	87	15	"	D	Topsoil 2; fine broken rock 14; fine rock 25; dark brown rock 65; light blue rock 90. Water at 32 and 90.
Con VII	" 14	J. Hume	J. O'Rourke	May 30, 1965	5	5	70	10	"	C	Brown sandy clay 15; limestone 74. Water at 25.
Con VII	" 15	G. Kay	"	Mar. 24, 1966	7	25	28	2	"	D	Brown sandy clay 10; limestone 40. Water at 23 and 40.
Con VII	" 15	R. Mann	Ladco Drlg. & Exploration Co.	Sep. 30, 1966	5	8	60	30	"	D	Clay boulders 30; light brown limestone 60; brown limestone 140. Water at 138.
Con VII	" 19	R. MacPherson	Graham Drlg.	Feb. 2, 1965	4 1/2	12	120	85	"	D, S	Clay sand 10; stony clay 125; stony hardpan 167; grey rock 173; broken loose stone 200; brown limestone 258; grey limestone 272. Water at 270.
Con VII	" 20	M. Gilfillan	Ladco Drlg. & Exploration	May 18, 1967	4	8	50	27	"	D, S	Clay rocks 63; brown limestone 90. Water at 86.
Con VII	" 21	S. Baillie	Graham Well Drlg.	Dec. 12, 1966	5	15	55	47	"	D, S	Topsoil 2; brown clay gravel 25; brown clay sand 68; brown clay stones 73; brown clay sand 112; broken rock sand 137; dark brown rock 170; grey rock 202. Water at 158 and 193.
Con VII	" 23	W. Adsett	J. O'Rourke	Dec. 1, 1964	5	6	75	20	"	D, S	Brown clay 58; limestone 85. Water at 75 and 80.

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## Erin Twp.

Con I	lot 1	G. Shannon	J. Sprowl	Oct. 6, 1965	4	8	12	8	Fresh	D	Clay stones 7; grey limestone 61. Water at 35 and 59.
Con I	" 1	E. Kreuzer	"	Oct. 26, 1965	4 1/2	15	10	4	"	D	Clay 5; grey limestone 77. Water at 45, 72 and 75.
Con I	" 9	W. Burkart	Ladco Drlg.	Apr. 10, 1964	4	10	36	35	"	D	Clay rocks 60; sand gravel 90; clay rocks sand layers 310; gravel 312. Water at 312.
Con I	" 14	P. Fisher	"	Aug. 27, 1964	4	7	18	10	"	D	Gravel 9; grey limestone 75. Water at 72.
Con I	" 14	"	J. O'Rourke	Mar. 1, 1966	7	25	28	9	"	D	Brown sand gravel 9; limestone 56. Water from 45 to 55.
Con I	" 25	P. Palmer	Ladco Drlg.	Feb. 11, 1966	4	10	70	70	"	D, S	Clay stones 77; grey limestone 185; hard black limestone 200; brown limestone 218. Water at 217.
Con I	" 31	B. Synott	"	Nov. 20, 1965	4	8	70	63	"	D, S	Clay sand layers 50; clay rocks 120; limestone 126. Water at 125.
Con II	" 1	Dr. C. Hutchison	J. & J. Sprowl	Feb. 2, 1967	4	10	55	46	"	D	Sand clay 20; stones gravel 40; sand clay 68; grey limestone 123. Water at 85, 105 and 120.
Con II	" 2	G. McGowan	J. Sprowl	Apr. 20, 1966	4	15	12	7	"	D	Clay gravel 7; grey bluish limestone 50; light grey limestone 76. Water at 35, 72 and 75.
Con II	" 4	R. Trysoenner	J. O'Rourke	Aug. 17, 1964	6	9	70	20	"	D, S	Gravel boulders 40; clay 60; sandy clay 79; limestone 101. Water at 92.
Con II	" 2	G. Johnston	Graham Well Drlg.	Oct. 19, 1966	5	10	70	31	"	D	Topsoil 1; brown clay stones 30; grey clay gravel 74; fine sand 76; dark grey rock 85; light grey rock 120. Water at 90 and 120.
Con II	" 8	J. Artemiszewski	Ladco Drlg.	Aug. 11, 1965	4	15	18	3	"	D	Clay gravel rocks 14; grey clay rocks 35; light grey limestone 120. Water at 112.
Con II	" 9	E. Archibald	Graham Well Drlg.	Jan. 27, 1964	5	10	40	31	"	D, S	Old dug well 25; fine brown sand 140; stony hardpan blue shale 221; brown black gravel 222. Water at 222.
Con II	" 10	B. Bruce	Ladco Drlg.	Feb. 4, 1964	4	6	75	40	"	D, S	Sand 7; clay rocks 35; sand 45; grey clay rocks 70; clay gravel 84; brown limestone 120; black rock 150; grey rock 165; blue rock 175; grey rock 200; white limestone 220. Water from 205 to 215.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Erin Twp. - cont.										
Con II lot 11	P.Oschibald	J.O'Rourke	Oct.11,1965	5	7	69	20	Fresh	D,S	Brown sand loam 3;coarse stone gravel 53;limestone 70. Water from 60 to 69.
Con II " 11	D.Dakin	Graham Well Drlg.	Mar.25,1964	4 1/2	10	40	8	"	D	Dug well 10;brown clay gravel 27;light brown rock 65;dark brown rock 80. Water at 80.
Con II " 14	Erin Twp School Board	Ladco Drlg.	June 26,1964	5	20	95	87	"	P	Brown clay rocks 20;sand 32;grey clay rocks 117;brown limestone 160;dark grey limestone 200;light grey limestone 250; white limestone 270. Water from 155 to 160 and from 255 to 270.
Con II " 14	N.Hendrick	Graham Well Drlg.	Oct. 1,1965	4 1/2	15	80	43	"	D,S	Topsoil 1;brown clay 12;grey clay 80;grey clay gravel 106; brown rock 113. Water at 113.
Con II " 14	L.Buck	J.O'Rourke	Mar.18,1966	7	12	80	27	"	D	Blue clay 40;sandy gravel 82;bedrock 109. Water at 90.
Con III " 1	J.Luverink	"	Sep.30,1967	5				"		Grey clay boulders 49;limestone 57;grey fine sand 78;limestone 130. Dry hole.
Con III " 1	"	"	Oct. 8,1967	5	15	33	30	"	D	Brown sandy gravel 40;hardpan 60;broken limestone 89. Water at 89.
Con III " 1	L.Swackhammer	Graham Well Drlg.	Oct.30,1967	5	15	100	75	"	D	Brown clay stones 115;dark brown rock 155;dark grey rock 167. Water at 160.
Con III " 14	J.Moore	"	Mar.21,1966	4	10	20	12	"	D	Topsoil 2;brown clay stones 17;light brown rock 73;dark brown rock 82. Water at 82.
Con III " 14	D.Robertson	Ladco Drlg.& Exploration Co.	July 9,1966	4	7	80	36	"	D	Clay boulders 75;light grey limestone 100;brown limestone 170. Water from 120 to 168.
Con III " 14	G.Grundy	Graham Well Drlg.	Feb. 9,1967	4	10	60	52	"	D	Brown clay stones 28;brown clay gravel 35;brown boulders clay 85;brown clay gravel 98;light brown rock 140;dark brown rock 163. Water at 155.
Con III " 15	W.Mann	Ladco Drlg. & Exploration Co.	July 20,1964	5	50	20	20	"	D,S	Clay rocks 28;brown limestone 75;black rock 90;grey rock 118. Water at 115.
Con III " 17	B.Strandholt	"	Sep.14,1964	4	8	60	45	"	D,S	Gravel stones 10;clay stones 92;brown limestone 135;grey hard limestone 210;white limestone 235. Water at 120 and 235.
Con III " 17	R.Poupore	Graham Well Drlg.	Mar.29,1965	4 1/2	10	97	70	"	D	Clay stones 70;clay fine sand 100;hard packed sand 107;dark brown rock 158;black brown rock 185;dark grey rock 191. Water from 185 to 191.
Con III " 21	A.Hawksley	Ladco Drlg.& Exploration Co.	Sep.10,1966	4	5	40	32	"	D,S	Clay gravel layers 40;clay boulders 63;brown limestone 74;grey limestone 105;black limestone 115;grey limestone 125. Water from 115 to 123.
Con IV " 3	L.Baillie	J.O'Rourke	Oct.16,1965	5	10	50	12	"	D	Dug well 40;quicksand 80;blue clay 100;limestone 112. Water at 108.
Con IV " 4	OWRC-River Basin Research	P.Johnston Drlg.	Apr.27,1966	1 1/2			85	"	T	Previously drilled 105;fine gravel 107;coarse gravel 110;fine gravel 118;buff stony till 126;coarse sand fine gravel 128; fine medium gravel 132;medium coarse gravel 138;coarse sand fine gravel 145;brown limestone bedrock sand 160;bedrock 169. Water from 93 to 105,105 to 118,126 to 145 and 166 to 169.
Con IV " 4	"	"	Mar.23,1966	7			45	Fresh	T	Stony till gravel 15;silty stony till 30;fine brown silty sand stones 35;grey silty stony till 60;buff stony clay till 70; stony buff till 93;coarse sand fine gravel 96;fine medium gravel 100;fine medium sand 105. Water from 93 to 105.
Con IV " 6	L.Thompson	J.O'Rourke	Jan. 7,1964	7	10	75	40	"	D,S	Dug well 40;blue clay stone 64;limestone 81. Water at 76.

## WELLINGTON COUNTY - cont.

Erin Twp. - cont.

Con IV	lot 9	H. McArthur	Graham Well Drlg.	Aug. 27, 1965	4 1/2	10	65	58	Fresh	D, S	Old dug well 56; fine sand clay 68; hard packed sand 80; grey rock 97; brown rock 128; dark brown rock 133. Water at 130.
Con IV	" 10	A. Cox	"	Dec. 16, 1964	5	8	75	45	"	D, S	Old dug well 52; brown gravel 76; stones 85; brown sand 149; grey sand gravel 182; brown sand gravel 185. Water at 185.
Con IV	" 14	M. Litch	Ladco Drlg.	Feb. 19, 1964	4	6	45	35	"	D, S	Brown clay rocks 55; brown limestone 105. Water from 95 to 100.
Con IV	" 14	J. Ferguson	"	July 16, 1964	4	10	47	40	"	C	Gravel 35; grey clay rocks 58; brown rock 105; black rock 135; light grey rock 174. Water at 170.
Con IV	" 17	H. Ferguson	Hadco Well Drlg.	May 15, 1967	5	10	30	Flows	"	D	Topsoil 1; clay 3; sand gravel 20; sand 23; clay stones 25; gravel 36; brown limestone. Water at 36.
Con IV	" 22	A. Minshall	Ladco Drlg. & Explorations Co.	Oct. 8, 1965	5	30	16	8	"	D	Brown clay stones 7; light grey limestone 110. Water at 50 and 105.
Con IV	" 25	J. Schut	"	Oct. 2, 1967	4	10	35	32	"	D, S	Clay 8; sand clay layers 50; clay rocks 96; light grey limestone 110. Water at 108.
Con IV	" 26	A. Thomas	"	Sep. 7, 1966	4	10	25	20	"	D, S	Clay boulders 90; brown limestone 102. Water at 101.
Con IV	" 29	J. McNeill	A. Earley	Sep. 12, 1967	4	13	40	5	"	D	Sandy clay 20; sand 80; soft clay 103; blue rock 149. Water at 125, 143 and 149.
Con IV	" 30	A. Peterson	Ladco Drlg. & Exploration Co.	Oct. 19, 1966	4	20	15	7	"	D, S	Clay stones 65; sandy gravel 90; clay stones 110; light grey limestone 121. Water at 120.
Con IV	" 30	M. Wong	"	Apr. 27, 1966	4	10	41	39	"	D, S	Gravel sand 25; sand 60; grey clay rocks 155; loose limestone 160; light grey limestone 240. Water from 230 to 240.
Con V	" 5	O'Brien	"	Nov. 29, 1967	4	5	75	52	"	D	Clay gravel stones 112; clay rocks 129; light grey limestone 150. Water at 145.
Con V	" 7	P. McDonald	Graham Well Drlg.	Mar. 2, 1967	5	10	40	12	"	D	Gravel boulders 43; clay gravel 71; sand gravel 75; gravel 77. Water at 77.
Con V	" 13	H. Griffin	"	July 24, 1967	4	10	80	30	"	D	Clay stones 6; fine sand brown clay 40; grey stones 77; dark brown black limestone 145; brown limestone 150. Water at 145.
Con V	" 21	J. Green	Ladco Drlg. & Exploration Co.	Oct. 5, 1965	4	10	70	65	Sulphur	D, S	Sand 60; grey clay rocks 128; brown limestone 185; grey limestone 200. Water at 193.
Con V	" 22	J. Wilson	"	Oct. 29, 1966	4	10	65	55	Fresh	D	Sand 10; grey clay stones 55; sandy clay 100; grey clay stones 105; brown limestone 140. Water at 138.
Con V	" 22	"	"	Nov. 14, 1966	4	8	50	35	"	D	Clay rocks 89; brown limestone 150. Water at 149.
Con V	" 24	T. Long	"	June 2, 1966	4	10	40	25	"	D	Gravel boulders 25; clay stones 60; light brown limestone 80; grey limestone 85; brown limestone 137. Water at 135.
Con V	" 25	A. Hajda	"	Apr. 30, 1964	4	8	55	50	"	D, S	Clay rocks 90; light grey rock 150. Water from 142 to 147.
Con V	" 25	W. Barford	"	Aug. 1, 1964	4	10	30	15	"	D	Sandy clay 4; gravel stones 54; clay rocks 65; white limestone 98; brown rock 105. Water from 98 to 105.
Con V	" 1	P. Spear	J. Sprowl	Jan. 17, 1964	4 1/2	8	24	17	"	S	Clay sand 10; gravel clay boulders 39; dark brown rock 72; dark grey limestone 82. Water at 65 and 81.
Con VI	" 1	K. Thomson	"	Sep. 5, 1964	4 1/2	20	25	16	"	D	Clay gravel 10; gravel sand clay mixture 30; coarse gravel stones 42; dark grey limestone 83. Water at 55 and 82.
Con VI	" 6	Silver Spur Rec. Co. Ltd.	K. McClue	June 23, 1965	5	6	35	22	"	P	Topsoil 1; brown sand boulders 25; gravel fine coarse stones 111, Water at 80 and 111.
Con VI	" 7	J. Bishop	Ladco Drlg. & Exploration Co.	Aug. 22, 1967	4	6	50	40	"	D	Clay rocks 138; brown limestone 150. Water at 147.
Con VI	" 11	J. Delaney	"	Nov. 9, 1964	4	10	52	50	"	D, S	Sand 200; grey clay rocks 240. Water at 240.
Con VI	" 14	E. Haire	Water Well Drlg.	Oct. 7, 1964	5	20	55	50	"	D	Boulders 20; hardpan 50; brown limestone 100; grey limestone 212. Water at 212.
Con VI	" 16	N. Swackhammer	Ladco Drlg. & Exploration Co.	July 14, 1966	5	10	39	39	"	D	Sand gravel layers 50; clay stones 58; brown limestone 63. Water at 62.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations exposed below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Erin Twp. - cont.										
Con VI lot24	R.Waind	Ladco Drlg & Exploration Co.	Sep. 5,1964	4	10	45	25	Fresh	D	Gravel stones sand 25;clay rocks 62;grey limestone 75. Water at 72.
Con VI	" 24 J.Abell	"	Oct.18,1965	4	10	95	90	"	D,S	Sand 25;grey clay rocks 110;grey limestone 115. Water at 114.
Con VI	" 24 J.Able	"	Aug.22,1966	4	10	63	62	"	D	Sand 10;clay sand layers 60;clay boulders 88;brown limestone 93. Water at 92.
Con VI	" 29 J.Gallies	Ladco Drlg.	Nov.29,1965	4	10	75	75	"	D,S	Gravel 12;sand clay layers 120;clay stones 165;boulders clay 187;limestone 210. Water at 208.
Con VI	" 31 J.McCauseland	"	Dec.24,1965	4	10	120	115	"	D,S	Sand clay layers 150;grey clay stones 208;light grey limestone 250;brown limestone 300. Water from 290 to 296.
Con VII	" 1 J.Zions Contr.	J.Sprawl	Mar. 1,1966	4 1/2	5	30	20	"	D	Clay gravel 7;grey limestone 71. Water at 40, 65 and 70.
Con VII	" 1 C.Swindlehurst	J.O'Rourke	Oct.11,1966	5	5	50	2	"	D	Brown sand 4;limestone 54. Water at 32.
Con VII	" 1 The United Church Manse	J.Sprawl	May 19,1966	4	15	25	22 1/2	"	D	Clay gravel 8;layers topsoil rock 20;bluish limestone 46; hard blue grey limestone 105;white grey limestone 121. Water at 45, 75,105 and 118.
Con VII	" 1 J.Major	Ladco Drlg. & Exploration Co.	Aug.26,1967	4 1/2	10	22	18	"	D	Clay 3;light grey limestone 120. Water at 115.
Con VII	" 3 G.Campbell	"	July22,1964	4	12	40	12	"	D	Brown clay rocks layers gravel 86;bluish white rock 150;white limestone 190. Water from 180 to 190.
Con VII	" 10 R.Weston	"	June20,1964	4	8	94	85	"	D	Gravel rocks 24;sandy clay 50;clay rocks 133;light brown limestone 165. Water from 160 to 162.
Con VII	" 13 G.Poster	"	Apr.22,1966	4	5	45	30	"	D	Clay stones 20;grey limestone 110. Water from 105 to 110.
Con VII	" 13 H.Peavoy	J. & J. Sprowl	Nov.22,1966	4	4 1/2	70	35	"	D	Heavy gravel 40;blue clay gravel 50;dark brown rock 81. Water at 63, 75 and 78.
Con VII	" 13 E.McLennan	Ladco Drlg.	Sep. 9,1967	4	15	25	17	"	D	Gravel rock clay layers 41;limestone clay layers 51;dark grey rock 85;white limestone 92. Water at 55 and 90.
Con VII	" 15 D.Bell	"	May 8,1965	4	8	150	145	"	D	Sand 150;grey clay rocks 202;dark grey limestone 225;light grey limestone 315. Water at 230 and 310.
Con VII	" 18 K.Reilly	Graham Well Drlg.	Nov.18,1964	4 1/2	10	60	35	"	D,S	Old dug well 24;dark brown clay gravel 43;brown sand 73;brown sand clay 118;light brown clay stones 122;brown gravel 163; grey rock 166. Water from 145 to 166.
Con VII	" 22 J.Taylor	"	May 15,1966	5	10	40	10	"	P	Fine brown sand 28;brown gravel 34;fine sand grey clay 52; light brown rock 97;dark brown rock 116;dark grey rock 130. Water at 130.
Con VII	" 24 J.VanZolen	Ladco Drlg.	Mar.22,1966	4	5	50	30	"	D	Gravel sand 65;brown limestone 130. Water at 128.
Con VII	" 24 K.McKinnon	"	Aug. 5,1966	4	7	32	25	"	D	Gravel boulders 40;fine gravel 57;brown limestone 75. Water at 74.
Con VII	" 29 B.Parke	"	June 2,1967	4	10	87	87	"	D,S	Sand clay layers 115;clay boulders 190;grey limestone 200. Water at 199.
Con VII	" 30 J.Barnes	"	Mar.31,1966	4	7	90	80	"	S	Sand clay layers 80;gravel 100;sand clay layers 160;clay stones 175;grey limestone 230;brown limestone 270. Water at 268.
Con VIII	" 1 G.Logan	J.O'Rourke	Oct. 5,1966	5	15	50	17	"	D	Brown sandy gravel 28;limestone 60. Water from 40 to 57.
Con VIII	" 1 L.Drysdale	Ladco Drlg. & Exploration Co.	Oct.30,1964	4	10	25	15	"	D	Brown clay rocks 7;grey limestone 84. Water at 80.
Con VIII	" 4 V.Piron	"	May 15,1964	4	10	24	20	"	D	Clay gravel layers 80;blue white limestone 93. Water from 88 to 90.

## WELLINGTON COUNTY - cont.

Erin Twp. - cont.

Con VIII	lot 4	A.McEnery	J.O'Rourke	Sep.11,1964	6	8	70	12	Fresh	D,S	Brown clay sand 30;clay stone 70;sand 79;limestone sand 92; limestone 103. Water at 94.
Con VIII	" 8	Sainsbury T.	Elliott Drlg.	Jan.12,1965	4	5	55	49	"	D	Clay 4;rocks 12;clay 20;gravel 65;hard sand 130;hard rock 146. Water at 146.
Con VIII	" 8	B.Richens	Ladco Drlg. & Explorations Co	June25,1966	4	5	75	65	"	D	Gravel sand 60;clay stones 90;sand clay layers 115;clay boulders 150;grey limestone 175. Water from 170 to 175.
Con VIII	" 9	J.Sweeney	"	Oct. 3,1966	4	10	55	48	"	D	Clay stones 128;grey limestone 153. Water at 150.
Con VIII	" 9	H.White	"	Dec. 9,1967	4	10	73	72	"	D	Clay loose rocks gravel layers 144;dark grey limestone 185; light grey limestone 232. Water from 225 to 230.
Con VIII	" 11	B.Berry	"	Sep.30,1965	4	5	50	40	"	D,S	Brown clay 6;grey clay stones 77;light grey limestone 150. Water at 140.
Con VIII	" 13	BrisbaneSchool	Ladco Drlg.	Sep. 3,1964	5	40	25	19	"	P	Gravel sand rocks 65;dark grey limestone 75;light grey limestone 140. Water from 130 to 140.
Con VIII	" 14	J.Whitton	Graham Drlg.	Sep.16,1965	4 1/2	12	60	40	"	D	Fine brown sand 60;blue clay 75;clay boulders 98;grey dark rock 107;light brown rock 145;light grey rock 164. Water from 162 to 164.
Con VIII	" 15	W.Delaney	Ladco Drlg. & Explorations	June19,1967	4	10	110	105	"	D,S	Clay rocks 20;sand 100;clay rocks 176;light grey rock 245. Water at 235.
Con VIII	" 16	C.Wagenaar & M.Gagne	"	July30,1964	4	8	151	145	"	D	Sand gravel 7;sand 135;clay sand rocks 197;brown rock 207; black rock 214;grey rock 230;white blue rock 281. Water from 275 to 281.
Con VIII	" 17	S. Smith	"	Dec.12,1967	4	5	Flows	"	D,S	Clay rocks 48;light grey limestone 90. Water at 85.	
Con VIII	" 25	W.Sinclair	Graham Well Drlg.	Feb.16,1965	4 1/2	5	60	34	"	D	Dug well 60;clay stones 70;stony hardpan 80;broken rock 88; brown rock 140;dark brown rock 150. Water at 148.
Con VIII	" 22	G.Byers	Ladco Drlg.	Dec. 7,1965	4	10	82	82	"	D,S	Clay 10;gravel 18;sand clay layers 68;clay stones 140;limestone 142. Water at 142.
Con VIII	" 29	R.Huxley	"	Feb.16,1966	4	8	75	70	"	D,S	Sand clay layers 100;clay stones sand layers 150;brown limestone 180. Water at 179.
Con VIII	" 31	S.Sommerville	"	May 29,1965	4	8	70	65	"	D,S	Old well 44;sand 105;grey clay rocks 170;brown limestone 218. Water from 200 to 215.
Con IX	" 1	P.Smith	"	July 1,1966	4	5	65	25	"	D,S	Clay stones 6;light grey limestone 40;white limestone 85;grey limestone 95;grey limestone 100. Water at 98.
Con IX	" 6	H.Skinner	W.Core & Son	Nov. 8,1967	6 1/2	3	8	2	"	D	Topsoil 1;brown sand 4;sand gravel 14;coarse gravel 16;brown clay dirty gravel 76. Water at 15.
Con IX	" 12	Horticulture Society -Erin Cemetery	Water Well Drlg.	Apr.10,1965	5	15	21	18	"	Ir	Hardpan 30;brown limestone 65. Water at 60.
Con IX	" 12	W.Armstrong	Ladco Drlg. & Exploration Co	June21,1966	4	10	18	10	"	D	Old well 27;clay stones 58;white limestone 70. Water from 68 to 70.
Con IX	" 12	H.Case	J.O'Rourke	July25,1967	5 1/2	10	40	9	"	D	Gravel boulders 30;hardpan 38;sand 39;limestone 52. Water at 52.
Con X	" 6	H.Steinlin	M.Babiuk	Mar. 6,1964	30	6	18	"	"	D	Brown topsoil 18;coarse brown sand 28. Water at 18.
Con IX	" 13	M.McDougall	Ladco Drlg.	Nov.14,1967	4	8	30	28	"	D,S	Clay gravel rocks 63;limestone clay layers 69;light grey rock 80. Water at 80.
Con IX	" 14	H.Rasmussen	Graham Well Drlg.	Sep. 7,1967	5	15	40	30	"	D,S	Fine sand stones 4;fine brown sand 12;stones gravel 50;blue clay stones 80;brown black rock 86;grey black rock 110;light grey rock 133. Water from 128 to 132.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Erin Twp. - cont.										
Con IX lot14	C. Chambers	Ladco Drlg.	July 22, 1967	4	10	35	18	Fresh	D	Sand 45; grey clay rocks 97; limestone 146. Water from 105 to 146.
Con IX	" 19 J. Hogart	S. McCauley	Dec. 2, 1965	7	12	22	11	"	D, S	Dug well 20; fine sand 48; fine gravel 62; coarse gravel 85. Water from 62 to 85.
Con IX	" 20 J. Szostakowski	C. Smith	Nov. 20, 1964	4	7	82	78	"	D	Tiled well 45; clay boulders 85; gravelly clay 100; gravel 102. Water from 95 to 102.
Con IX	" 21 L. Tliffe	Ladco Drlg. & Exploration Co.	June 15, 1965	4	10	50	20	"	D	Brown clay rocks 6; clay gravel stones 65; light grey limestone 120; blue white limestone 135. Water at 80 and 130.
Con IX	" 29 A. Profit	"	Dec. 29, 1964	4	10	130	120	"	D, S	Brown clay rocks 12; grey clay rocks 30; sand 60; grey clay rocks 170; dark grey limestone 230; light grey limestone 304. Water from 290 to 300.
Con IX	" 30 A. Smith	"	Oct. 20, 1967	4	10	90	82	"	D, S	Sand 100; clay rocks 160; broken limestone 164. Water at 164.
Con X	" 1 J. Wedgewood	J. Sprowl	June 22, 1965	4 1/2	3	94	45	"	D	Stones clay gravel 32; hard grey limestone 85; soapstone 94. Water at 65 and 85.
Con X	" 1 A. Graham	J. O' Bourke	Apr. 3, 1967	5	10	50	33	"	D	Brown sandy clay gravel 26; limestone 57. Water from 45 to 55.
Con X	" 1 W. Trenholm	J. & J. Sprowl	July 13, 1966	4	20	35	32	"	D	Gravel clay 20; layers rock earth 26; limestone 77; soapstone 80; red Medina 85; soapstone 138. Water at 35, 77, 85 and 135.
Con X	" 1 H. Bennett	C. Hughes	Nov. 9, 1967	7	7	45	14	"	D	Sand boulders 7; soft brown limestone 48. Water at 45.
Con X	" 1 J. Boughton	J. & J. Sprowl	May 24, 1967	4	15	35	26	"	D	Clay gravel stones 20; grey limestone 78; soapstone 88; layers soapstone red Medina 93; soapstone 105. Water at 48, 75, 95, and 102.
Con X	" 3 A. Sutton	J. Sprowl	Nov. 26, 1965	4	8	20	10	"	D	Topsoil 2; grey limestone 75; soapstone 78. Water at 48, 65 and 75.
Con X	" 6 H. Turkelson	Ladco Drlg. & Exploration	Oct. 22, 1966	4	5	35	18	"	D, S	Gravel sand boulders 49; grey limestone 80. Water at 78.
Con X	" 8 R. Litch	"	Apr. 26, 1966	4	8	55	43	"	D	Clay boulders 75; sand layers sand 95; clay stones 111; limestone 133. Water at 131.
Con X	" 11 Erin Nurseries	Graham Well Drlg.	Dec. 28, 1964	6 1/2	5	130	25	"	Ir	Clay stones 20; clay gravel 39; stony hardpan 53; brown rock 98; light brown rock 136; dark grey rock 140; shale 141. Water at 98.
Con X	" 18 J. Baldwin	Ladco Drlg. & Exploration Co.	July 12, 1967	4	10	40	24	"	D, S	Red clay rocks 12; grey clay rocks 68; grey limestone 85; blue white rock 120. Water at 85 and 114.
Con X	" 28 J. Dyce	"	July 12, 1966	4	7	50	20	"	D, S	Gravel sand layers 59; grey limestone 65; brown limestone 90. Water at 88.
Con XI	" 3 J. Gilpin	J. & J. Sprowl	Sep. 4, 1967	4	20	20	12	"	D	Land fill 5; dark grey limestone 78. Water at 45, 65 and 75.
Con XI	" 6 J. Diniet	"	Nov. 7, 1966	4	20	12	10	"	D	Clay 10; stones gravel layers hardpan 48; dark grey limestone 92; light grey limestone 104. Water at 65, 85 and 100.
Con XI	" 10 H. Wobst	G. Tortington	Nov. 10, 1965	36	1/2		18	"	D	Topsoil 2; stony clay 24; red clay gravel 25. Water at 24.
Con XI	" 10 S. Szram	Ladco Drlg. & Exploration	July 29, 1966	4	4	55	25	"	D, S	Gravel sand layers boulders 75; grey limestone 130. Water from 120 to 130.
Con XI	" 12 H. Vanzolen	"	Oct. 12, 1966	4	5	45	35	"	D, S	Clay rocks 57; grey limestone 66. Water at 64.
Con XI	" 13 J. Winters	"	July 10, 1965	4	5	135	50	"	D	Gravel rocks 20; clay 25; sand 100; clay stones 158; grey rock shale ledges 200. Water at 195.
Con XI	" 15 H. Duggan	McLaughlin Water Wells & Supply Ltd.	Sep. 24, 1965	5	6	40	14	"	D	Topsoil 2; boulders gravel 9; grey limestone 48. Water from 12 to 48.
Con XI	" 23 N. Eagles	Graham Well Drlg.	Nov. 4, 1965	4	10	40	30	"	D, S	Soil 2; brown clay gravel 15; brown clay stones 38; brown sand gravel 47; dark brown rock 63; light brown rock 84; light grey rock 93. Water at 93.

WELLINGTON COUNTY - cont.											
Erin Twp. - cont.											
Con XI	lot 26	E. Cartmell	Ladco Drlg. & Exploration Co.	May 26, 1966	4	10	42	35	Fresh	D	Clay rocks 47; gravel 56; brown limestone 68. Water at 67.
Con XI	" 26	D. Hurst	"	June 7, 1967	4	5	30	18	"	D	Sand clay 23; clay rocks 38; grey limestone 80; brown limestone 100. Water at 99.
Con XI	" 27	J. Young	"	Jan. 12, 1965	4	6	55	40	"	D, S	Old well 25; sand 50; grey clay rocks 65. Water at 72.
Con XI	" 32	B. Hilliard	"	June 7, 1965	4	8	80	78	"	D, S	Sand 110; clay rocks 150; sand 180; clay rocks 200; brown limestone 225. Water at 220.
Fergus, Town											
	PUC	International Water Supply		Apr. 1, 1965	16	200	104	48	Fresh	P	Coarse gravel fill 6; yellow stony clay 16; grey limestone 87; soft yellow limestone 90; grey limestone 270; brown limestone 317; grey limestone 361. Water at 300.
Guelph, City											
	University of Guelph	C. Hill		Dec. 27, 1967	5	25	40	25	Sulphur	P	Soft sand 36; brown limestone 160; hard black rock 208. Water at 208.
	Corp. City Guelph	Graham Well Drlg.		Dec. 6, 1967	6 1/4	400	30	21	Fresh	T	Black soil 1; grey sand clay stones 5; gravel stones 18; light brown rock 58; medium brown rock 67; black rock 115; grey rock 170; grey brown streaks rock 190. Water at 25, 58 and 172.
	R. Fletcher	C. Hill		Nov. 30, 1967	4	6	75	18	"	D	Clay 40; gravel 70; hard grey rock 108. Water at 108.
	D. Gow	"		Nov. 23, 1967	4	7	70	25	"	D	Gravel 43; grey limestone 108. Water at 108.
	Emergency Measures Organization	"		Nov. 11, 1967	4	10	60	38	"	F	Gravel 86; grey limestone 150. Water at 150.
	W. Mathews	A. Earley		Nov. 4, 1967	4	6	80	30	"	D	Gravel sand 35; limestone white 111; blue rock 141. Water at 60 and 111.
	F. Rozef	Graham Well Drlg.		Oct. 12, 1967	4 1/2	12	38	11	"	D	Topsoil 1; brown clay stones 18; coarse gravel sand 30; grey clay gravel 53; medium brown rock 80. Water at 80.
	Corp. City Guelph	"		Oct. 5, 1967	12	60		28	"	N	Gravel boulders 35; sandy clay gravel 63; blue clay gravel 77; light brown limestone 95; dark brown light rock 120; dark brown rock 170; dark grey rock 225; light grey rock 264; light grey blue rock 274. Water from 120 to 274.
	German Canadian Club	"		Aug. 29, 1967	5	15	80	57	"	D	Gravel coarse stones 40; light brown rock 60; dark brown black rock 105; dark grey rock 123. Water at 120.
	City Guelph	"		Aug. 18, 1967	12	190	171	13	"	T	Black mud 4; clay stones 20; clay gravel 36; coarse gravel 39; grey limestone 68; brown limestone 104; dark brown limestone 110; black brown limestone 130; dark grey mixed limestone 170; light grey limestone 255; medium blue rock 265; blue shale 266. Water at 58, 60 and 210.
	J. Cleveland	A. Earley		June 27, 1967	4	15	55	45	"	D	Gravel clay 6; sand stones 30; sand 80; grey clay 111; sandy clay 156; blue grey rock 165; black rock 170; grey rock 186. Water at 170 and 186.
	Motel Biltmore	C. Hill		Aug. 1, 1966	5	20		50	"	P	Gravel 48; grey limestone 110; black rock 170; grey limestone 222.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Guelph, City - cont.	Corp. Guelph	Graham Well Drlg.	June 16, 1966	12	1000	21	10	Fresh	P	Black muck gravel 4; rough gravel 34; sandy blue clay 55; blue clay gravel 64; light brown rock 95; dark brown rock 104; dark brown black rock 140; dark grey rock 245; dark blue rock 258; blue shale 259. Water at 136.
	"	"	Sep. 1, 1967	6 1/2	60	80	14 1/2	"	T	Topsoil 1; gravel stones 30; grey clay gravel 57; light brown rock 107; sand seams 108; medium dark brown rock 119; dark brown rock 138; dark brown light streaks rock 142; dark grey rock 148; light grey rock 270. Water at 65, 95, 107, 132, 190, 209 and 250.
	"	"	Nov. 17, 1966	6 1/2	400		3	"	T	Topsoil 1; brown clay coarse gravel stones 10; grey clay gravel fine sand 39; medium brown rock 52; dark brown rock 75; black rock 94; dark grey rock 99; dark grey broken rock 102; dark grey solid rock 150. Water at 46, 52, 75, from 99 to 102 and at 118.
	Avero Constr.	"	May 1, 1967	4 1/2	12	40	4	"	D	Topsoil 1; gravel sand 40; grey clay gravel 48; rock 81. Water at 81.
	Beld & Laing Ltd.	C. Hill	July 10, 1967	4	5	75	21	"	D	Gravel 31; grey limestone 108. Water at 108.
	"	"	May 8, 1967	4	5	70	25	"	D	Gravel 36; brown limestone 98. Water at 98.
	A. Llewellyn	A. Earley	Jan. 9, 1967	4	20	12	34	"	D	Dug 6; brown clay stones 20; clay gravel 39; limestone 75. Water at 50 and 75.
	Jesuit Fathers	"	Dec. 31, 1966	4	12	60	50	"	D	Dug 37; brown clay 45; light brown limestone 106. Water at 92 and 106.
	P. Sweet	C. Hill	Dec. 17, 1966	4	5	80	40	"	D	Gravel 30; clay 46; grey limestone 132. Water at 132.
	L. Asmussen Ltd.	"	Dec. 12, 1966	4	10	60	21	"	C	Gravel 30; sand 40; grey limestone 96. Water at 96.
	E. Ray (Kennelly Const. Ltd.)	Graham Well Drlg.	Oct. 18, 1966	4	8	80	21	"	D	Brown clay stones 15; brown clay gravel 54; brown rock 102; black rock 120. Water at 120.
	D. Jackson	A. Earley	Sep. 2, 1966	4	3	90	50	"	D	Clay stones 20; clay gravel 71; fine rock 124; brown rock 140. Water at 130.
	Katerburg Const.	C. Hill	Sep. 12, 1966	4	9	70	40	"	D	Clay 80; gravel 93; hard brown rock 144. Water at 144.
	J. Heffernan	A. Earley	June 27, 1966	4	15	40	10	"	D	Stones gravel 16; sand 30; gravel clay 36; limestone 76. Water at 76.
	A. Calende	Graham Well Drlg.	June 17, 1966	4	10	30	20	"	D	Brown clay stones 12; brown clay gravel 45; grey clay gravel 50; brown clay gravel 81; dark brown rock 103; light grey rock 132. Water at 132.
	H. Neumann	C. Hill	Nov. 12, 1966	4	5	80	18	"	D	Bush dirt fill 8; gravel 15; clay boulders 65; gravel 70; brown rock 135. Water at 135.
	M. Ciotto	"	Mar. 28, 1966	4	15	25	5	"	D	Black dirt 2; clay 10; gravel 23; hard dark brown rock 76. Water at 76.
	Tucker-Johnson	"	Mar. 18, 1966	4	8	75	13	"	C	Gravel streaks clay 26; grey limestone 90. Water at 90.
	D. McVickers	Graham Well Drlg.	July 10, 1967	4	12	60	30	"	D	Topsoil 1; brown clay stones 18; grey clay stones 83; grey clay sand 87; dark brown rock 95; black rock 125. Water at 125.
	A. Petrin (Kennelly Const.)	"	July 20, 1967	4	10	30	19	"	D	Topsoil 2; brown clay gravel 20; brown clay stones 35; gravel 45; brown clay gravel 82; dark brown rock 120; light brown rock 132. Water at 130.
	Speed Constr.	"	Mar. 15, 1966	4	15	30	25	"	D	Brown clay stones 17; brown clay gravel 53; brown clay stones 60; brown clay gravel 78; light brown rock 82; dark brown rock 133. Water at 133.

WELLINGTON COUNTY - cont.  
Guelph, City - cont.

Kero Constr.	C.Hill	Mar.11,1966	4	7	45	10	Fresh	D	Gravel 10;sand 50;gravel 77;light brown rock 100;hard black rock 122. Water at 123.
Kennelly Const.	Graham Well Drlg.	Mar. 4,1966	4	10	35	25	"	D	Brown clay stones 5;brown clay gravel 27;grey clay gravel 35; brown clay gravel sand 60;light brown rock 78;dark brown rock 115;dark grey rock 123. Water at 123.
"	"	Feb.24,1966	4	8	50	20	"	D	Brown clay stones 15;brown clay gravel 42;brown clay stones 44;brown clay gravel 63;brown clay rock 89;dark brown clay rock hardpan 108. Water at 108.
"	"	Feb.15,1966	4	10	20	12	"	D	Brown clay stones 10;light brown clay gravel 18;light clay gravel 22;brown clay stones gravel 45;brown clay stones 50; brown clay gravel 56;brown rock 83. Water at 83.
R.VanEgten	A.Earley	Feb. 9,1966	4	10	40	35	"	D	Clay sand 15;brown clay 35;clay sand 78;sand 81;dark brown sand 132. Water at 125, 129 and 132.
Limebeer (Kennelly Const.)	Graham Well Drlg.	Jan.19,1967	4	10	25	14	"	D	Brown clay stones 14;brown clay gravel sand 40;brown clay stones 54;brown clay gravel 64;light brown rock 92;dark brown rock 120. Water at 116.
Benwick Constr.	"	Feb. 4,1966	4	10	20	15	"	D	Brown clay stones 13;brown clay gravel 35;brown clay stones 40;brown clay gravel 60;light brown rock 73;dark brown rock 83. Water at 83.
"	"	Jan.27,1966	4	10	35	30	"	D	Brown clay stones 24;brown clay gravel 60;brown clay stones 67;brown clay gravel 75;brown sand 80;brown rock 132. Water at 132.
Cernuik Const.	"	Jan.14,1966	4	10	35	30	"	D	Brown clay stones 15;brown clay gravel 75;brown sand gravel 83;light brown rock 98;dark brown rock 135. Water at 135.
Keso Constr.	C.Hill	Jan.10,1966	4	5	85	21	"	D	Clay boulders 79;hard brown rock 110. Water at 110.
D.Mills	Graham Well Drlg.	May 19,1967	4	12	100	77	"	D	Brown clay small stones 15;grey clay stones 85;sand gravel 89;brown clay sand 110;light brown rock 145;dark brown rock 150;light grey rock 187. Water from 170 to 187.
United Dairy & Poultry Co-op	McLaughlin Water Wells & Supply	July 9,1965	10	300	200	30	"	S	Topsoil 1;sand gravel 19;clay hardpan 40;caving grey limestone 70;hard grey limestone 240. Water from 70 to 150 and from 180 to 240.
C.Wilson	A.Earley	Mar.10,1964	5	8	50	14	"	Ir	Fill 5;clay stones 10;limestone light brown rock 14;dark brown rock 20;black rock 60. Water at 30 and 60.
National-Stand- ard Co. of Can.	Graham Well Drlg.	July23,1965	10	180	125	23	"	In	Clay stones 17;light brown stones 108;light grey stones 205; blue stone 280;dark blue stone 303;blue shale 310. Water from 200 to 300.
V.Cocco	A.Earley	June21,1964	4	10	20	13	"	C	Stones clay 6;black rock 53. Water at 53.
C.Billings	"	June17,1964	4 1/2	15	20	12	"	D	Stones clay 4;black rock 52. Water at 52.
Guelph Twp. Division B Con I	" 2 Crawford Transport	Ladco Drlg. Apr. 2,1964	5	10	40	35	"	C	Clay rocks 47;light grey rock 150. Water from 140 to 150.
Con I	" 2 D.Manera	C.Hill Apr. 3,1965	4	10	60	30	"	D	Clay 10;gravel 60;brown limestone 108. Water at 108.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Guelph Twp. - cont.										
Division B cont.										
Con I lot 3	I. Rukavina	C. Hill	Sep. 9, 1964	4	15	10	1	Fresh	D	Clay 3; quicksand 16; grey limestone 101. Water at 101.
Con I " 8	J. Hauser Farm	Graham Well Drlg.	Sep. 30, 1966	12	180	82	5	"	P	Sand clay boulders 25; clay boulders 37; grey rock 42; light brown rock 115; dark grey rock 116; light brown rock 165; light grey rock 198; blue rock 314; blue shale 315. Water from 198 to 220.
Con I " 11	City of Guelph	"	May 24, 1966	12	116	118	14	"	T	Grey clay stones 14; grey clay gravel 33; dark brown rock 40; light brown rock 183; light grey rock 215; light blue rock 280; light blue white rock 300; light brown rock 324; dark blue rock 334; dark grey rock 352; blue shale 356. Water from 150 to 356.
Con II " 2	Viceroy Aluminium Ltd.	Graham Well Drlg.	Feb. 23, 1964	4 1/2	10	60	52	Fresh	In	Brown clay stones 25; fine brown sand 40; coarse sand gravel 51; light brown limestone 112; light grey limestone 148; light brown limestone 155. Water at 155.
Con II " 2	G. Dolmer	A. Earley	May 26, 1965	4	15	38	32	"	C	Sandy fine topsoil 48; light brown limestone 80; dark brown sand rock 95; light brown limestone 100. Water at 55 and 99.
Con II " 3	B. Kuenzig	"	Feb. 22, 1965	4	8	45	5	"	D	Stones sandy clay 36; brown limestone 70; white limestone 100. Water at 51 and 100.
Con II " 10	C. Carrere	C. Hill	July 27, 1964	4	20	25	Flows	"	D	Clay 60; quicksand 65; grey limestone 101. Water at 101.
Con III " 1	L. Gilmour	L. Gilmour	July 12, 1965	6	10	20	4	"	D	Clay 6; brown limestone 30. Water from 20 to 22.
Con III " 2	J. Sippel	A. Earley	Aug. 19, 1964	4	5	96	50	"	D	Topsoil 1; stones clay 15; sandy clay 53; brown limestone 130. Water at 123 and 130.
Con III " 4	G. Gordon	Elliott Drlg.	May 12, 1965	4	6	93	12	"	D	Clay rocks 12; gravel 16; clay 21; limestone 147. Water at 145.
Con III " 14	T. Smith	W. Packham	June 28, 1965	6 1/2	30	30	11	"	D	Dug well 18; stony clay 40; sand gravel 50; sandy clay 60; rock hard sandstone 85. Water at 80.
Con IV " 2	Kennelly Const.	Graham Well Drlg.	Sep. 12, 1966	5	30		58	"	D	Topsoil 1; sand stones 15; grey clay 38; light brown rock 70; dark brown rock 85; light brown rock 160. Water at 160.
Con IV " 7	G. Friars	C. Hill	July 9, 1966	4	9	75	23	"	D	Gravelly clay 20; gravel 58; hard grey rock 145; grey limestone 175. Water at 175.
Con IV " 8	C. Beecraft	Graham Well Drlg.	Mar. 7, 1964	4 1/2	7	95	20	"	D	Topsoil 2; brown clay stones 45; light brown sand 74; dark brown rock 90; light brown rock 117; white rock 155; grey rock 176. Water at 176.
Con IV " 13	J. Rock	"	Oct. 19, 1967	5	12	60	30	"	D	Gravel clay 40; boulders clay 85; hard packed sand 99; light brown rock 156; brown black rock 186.
Con IV " 10	A. Hale	G. Davidson	Oct. 21, 1966	5	14	27	17	"	D	Topsoil 1; broken limestone 2; limestone rock hard light brown 127. Water from 125 to 127.
WRS " 9	H. Jansen	C. Hill	Feb. 17, 1964	4	5	80	30	Fresh	D	Shale 9; white limestone 121. Water at 121.
Division C										
Con I lot 10	N. Crimmens	Graham Well Drlg.	Jan. 28, 1964	5	10	60	45	Fresh	D	Dug well 40; gravel sand 45; light brown rock 103; black rock 121. Water at 121.
Con I " 10	B. Griffin	A. Earley	June 4, 1965	4	12	25	18	"	D	Stones clay gravel 37; light brown limestone 70. Water at 53 and 70.
Con II " 7	G. Davidson	Graham Well Drlg.	Oct. 26, 1964	4 1/2	8	60	35	"	D	Topsoil 1; brown clay sand 8; gravel sand 38; light brown rock 70; dark brown rock 78; black rock 92. Water at 92.
Con II " 7	E. Keating	J. Sprowl	Sep. 22, 1965	4 1/2	4 1/2	55	26	"	D	Gravel boulders 25; stones clay boulders 31; brown rock 65; black flint 83. Water at 42, 55 and 65.
Con II " 7	B. Nadalin Cerniuk Const.	Graham Well Drlg.	July 19, 1966	4	10	35	27	"	D	Fine brown sand 16; brown sand gravel 22; light brown gravel 37; light brown rock 48; dark brown rock 86; dark black rock 94. Water at 92.

\* See end of Appendix C for the meanings of abbreviations and symbols.

WELLINGTON COUNTY - cont.

Guelph Twp. - cont.

Division C cont.

Con II	lot 7	E. Sutton	Graham Well Drlg.	Nov. 10, 1966	4	10	30	30	Fresh	D	Brown clay gravel 10; brown sand gravel 35; light brown rock 60; dark brown rock 92. Water at 92.
Con II	" 7	T. Basseggio	"	Oct. 11, 1967	4½	10	34	25	"	D	Topsoil 1; brown clay stones 18; sand gravel 40; light brown rock 65; dark brown rock 93. Water at 65 and 93.
Con II	" 7	D. Blacklock	"	May 4, 1967	4	10	33	25	"	D	Topsoil 1; gravel sand 45; brown rock 70; black rock 93. Water at 50.
Con II	" 7	E. Blacklock	"	May 9, 1967	4	10	33	25	"	D	Brown clay stones 14; brown clay gravel 30; brown sand gravel 47; light brown rock 85; dark brown rock 94. Water at 92.
Con II	" 10	E. Borghese	C. Hill	Aug. 19, 1964	4	12	30	22	"	D	Cemented gravel large boulder 11; hard brown rock 60. Water at 60.
Con II	" 10	E. Romanello	"	Oct. 10, 1964	4	7	60	25	"	D	Gravel stones 18; hard dark brown rock 71. Water at 71.
Con III	" 2	T. Bolzon	"	Dec. 20, 1965	4	5	65	7	"	D	Clay gravel streaks 25; hard black rock 69. Water at 69.
Con III	" 3	S. Docicco	"	Dec. 3, 1964	4	8	126	126	"	D	Previously drilled well 120; grey limestone 149. Water at 149.
Con III	" 3	K. Wilk	"	Mar. 9, 1965	4	10	120	120	"	D	Clay 63; brown limestone 90; hard black rock 130; grey rock 145. Water at 145.
Con III	" 5	T. Zordo	"	Oct. 3, 1964	4	7	65	23	"	D	Clay 32; hard black rock 82. Water at 82.
Con III	" 7	E. Thornton	A. Earley	Nov. 17, 1966	4	15	35	30	"	D	Stones clay 29; brown rock 61. Water at 40 and 61.
Con IV	" 7	W. Walkover	Graham Well Drlg.	Sept. 23, 1964	5	12	80	73	"	D	Clay boulders 70; clay gravel 124; fine grey sand 167; stony hardpan 188; dark grey stone 205; lighter grey stone 234. Water at 230.
Con IV	" 8	R. Bonham	"	Oct. 31, 1967	4	10	67	47	"	D,S	Dug well 25; brown clay gravel 88; light brown rock 115; dark brown rock 140. Water at 135.
Con IV	" 10	City of Guelph	"	June 15, 1966	6½	200	123	10	"	T	Topsoil 1; brown clay 8; fine sand 12; medium brown rock 35; dark brown rock 56; black hard rock 96; dark brown rock 108; grey rock 117; white rock 118; grey rock 123. Water at 85, 108 and 118.
Con IV	" 10	"	"	July 12, 1966	12	1000	32	Flows	Sulphur	T	Topsoil 1; brown clay 8; fine sand 12; light brown rock 35; dark brown rock 56; black rock 96; dark brown rock 108; grey rock 117; white rock 118; grey rock 130; light grey rock 215; dark grey rock 243; red shale 244. Water from 117 to 118.
Con IV	" 11	"	"	June 22, 1966	6½	125	80	3	"	T	Fill 2; black muck brown clay 5; light brown rock 60; dark brown rock 69; black rock 105; brown rock 120. Water at 105.
Con V	lot 2	S. Zillio	Graham Well Drlg.	Mar. 26, 1965	4½	10	45	30	Fresh	D	Topsoil 2; brown clay stones 28; brown clay gravel 56; brown sand gravel 62; light brown rock 98; dark brown rock 121. Water at 121.
Con V	" 8	Corp. City of Guelph	"	Dec. 5, 1966	12	800	127	3½	"	P	Brown clay stones fine gravel 8; grey clay gravel 47; light brown broken rock 55; dark brown rock 60; black rock 110; dark grey rock 120; light grey rock 210; grey blue rock 220; blue shale. Water at 70, 100, 135, 160 and 200.
Con V	" 8	"	"	Aug. 29, 1966	5	180	80	4	"	T	Topsoil 1; brown clay gravel 8; grey clay gravel 42; light brown rock 55; dark brown rock 60; black rock 110; dark grey rock 120; light grey rock 190. Water at 70, 100, 135 and 160.
Con VI	" 2	"	"	Oct. 10, 1966	12	700	134	65	"	P	Topsoil 1; brown clay 6; grey clay 38; light brown rock 55; dark brown rock 90; grey brown rock 150; dark brown rock 154; light brown rock 194; grey light brown rock 201; blue rock 215; light grey rock 230; blue rock 260; blue shale. Water at 84, 155, 175, 195 and from 184 to 194.
Con VI	" 2	"	"	Aug. 11, 1966	6½	260	75	"	"	T	Topsoil 1; brown clay 6; grey clay 38; light brown rock 55; dark brown rock 90; grey brown rock 150; dark brown rock 154; light brown rock 194; grey light brown rock 195. Water at 84, 155, 175 and 195.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Guelph Twp. - cont.										
Division C cont.										
Con VI lot 3	G. Bingham	Graham Well Drlg.	July 11, 1967	4	10	60	49	Fresh	D	Topsoil 1; brown clay stones 25; grey clay stones 92; light brown rock 110; dark brown rock 120. Water at 120.
Con VI " 3	J. Sanvido	"	June 2, 1965	4	8	70	62	"	D	Topsoil 1; brown clay stones 40; grey clay 92; light brown rock 115; dark brown rock 126. Water at 126.
Con VI " 3	J.O'Toole	C.Hill	Mar. 12, 1964	4	4	70	30	"	D	Hard gravel 50; brown limestone 112. Water at 112.
Con VI " 3	Katerburg Const.	"	May 15, 1964	4	3	80	35	"	D	Clay 68; grey limestone 105; hard black rock 127. Water at 127.
Con VI " 3	J.O'Toole	"	July 15, 1964	4	3 1/2	80	25	"	D	Clay 60; grey limestone 110; hard black rock 141. Water at 141.
Con VI " 3	Brozot Const.	"	Aug. 14, 1964	4	4	80	30	"	D	Gravelly clay 40; clay 63; brown limestone 112. Water at 112.
Con VI " 3	J.O'Toole	"	Aug. 31, 1964	4	5 1/2	85	38	"	D	Mixed clay gravel 89; brown limestone 110; black rock 125. Water at 125.
Con VI " 3	"	"	Oct. 17, 1964	4 1/2	5	70	33	"	D	Gravel 50; fine sand 60; brown limestone 122. Water at 122.
Con VI " 3	D. Street	"	May 12, 1965	4 1/2	8	60	34	"	D	Topsoil 1; brown clay stones 35; grey clay gravel 68; dark brown rock 90; black rock 115. Water at 73 and 115.
Con VI " 3	P. Crawford	"	Jan. 17, 1966	4	5	85	40	"	D	Clay gravel streaks 40; sticky clay 120. Water at 120.
Con VI " 3	D. Tel.	"	June 21, 1966	4	6	80	35	"	D	Clay gravel 74; grey limestone 90; hard brown rock 111. Water at 111.
Con VI " 3	G. Mooney	"	Aug. 25, 1966	4	15	60	25	"	D	Gravelly clay 58; hard black rock 88. Water at 88.
Con VI " 3	V. Demers	Graham Well Drlg.	Aug. 30, 1966	4 1/2	10	80	21	"	D	Topsoil 1; brown clay gravel 10; grey clay gravel 60; light brown soft rock 80; dark medium hard brown rock 102. Water at 70 and 102.
Con VI " 3	O. Sprenger	A. Earley	Nov. 10, 1966	4	6	80	60	Sulphur	D	Clay stones 30; clay gravel 88; grey rock 125; black rock 149. Water at 125 and 148.
Con VI " 3	Karn & Pettifer	C.Hill	Dec. 23, 1966	4	5	80	30	Fresh	D	Fill 6; clay gravel mixed 70; brown limestone 104. Water at 104.
Con VI " 3	D. Harden	Graham Well Drlg.	Sep. 22, 1967	4 1/2	4	100	64	"	D	Topsoil 1; brown clay small stones 15; grey clay small stones 87; brown rock 120; black rock 154. Water at 110 and 152.
Con VI " 4	E. Campagnola	C.Hill	July 31, 1964	4	7	55	27	"	D	Clay large boulders 20; gravel large boulders 53; brown limestone 88. Water at 88.
Con VII lot 5	P. Kaine	Graham Well Drlg.	May 10, 1966	4 1/2	10	80	53	Fresh	D	Topsoil 1; brown clay stones 40; grey rock 65; light brown rock 75; dark brown rock 80; black rock 127; bluish grey rock 143. Water at 105 and 143.
Con VII " 5	B. Marshall	"	Feb. 25, 1964	4 1/2	7	60	24	"	D	Topsoil 1; brown clay gravel 32; light brown rock 55; light grey rock 97; dark brown rock 105. Water at 105.
Con VII " 5	E. Gazzola	C.Hill	Aug. 11, 1965	4	10	20	60	"	D	Clay 30; brown limestone 75. Water at 75.
Con VII " 5	J. Rund	"	May 27, 1965	4	10	50	18	"	D	Clay 38; brown limestone 76. Water at 76.
Con VII " 5	F. Breese	Graham Well Drlg.	Oct. 7, 1965	4 1/2	6	80	40	"	D	Brown clay fine sand 18; light brown rock 45; dark brown rock 60; black rock 85; dark grey rock 105. Water from 65 to 105.
Con VII " 5	W. Elliott	"	Mar. 19, 1964	4 1/2	10	75	50	"	D	Topsoil 2; brown clay stones 33; brown sand 45; grey clay stones 63; light brown rock 75; dark brown rock 130. Water at 130.
Con VII " 8	W. Jeffries	A. Earley	Oct. 1, 1966	4	10	40	15	"	D	Dug well 19; gravel 23; blue clay 44; limestone 60; brown rock 67. Water at 46 and 67.
Con VIII " 4	Dr. P. Farmer	Graham Well Drlg.	Sep. 3, 1964	5	20	80	61	"	D	Brown clay stones 28; grey clay stones 66; light brown rock 87; dark brown rock 132; dark grey rock 184. Water at 180.
Con X " 8	Guelph Twp. Centennial Park Board	"	Jan. 30, 1967	5	20	17	4	"	P	Brown clay stones 24; light brown clay gravel 55; light clay stones 63; grey clay gravel 68; brown sand gravel 74; light brown rock 87; dark brown rock 120; grey rock 126. Water at 114.
Con X " 3	H. Atkinson	"	Sep. 26, 1966	5	12	90	37	"	D, S	Topsoil 1; brown clay gravel 25; grey clay gravel 43; light brown rock 125; dark brown rock 155; grey rock 170; light brown rock 200. Water at 50, 127 and 200.

\* See end of Appendix C for the meanings of abbreviations and symbols.



## WELLINGTON COUNTY - cont.

Guelph Twp. - cont.

## Division C cont.

Con X lot 10 W. King  
Con XI " 7 R. Fletcher

G. Hill  
Graham Well Drlg.

July 18, 1967  
July 25, 1964

4 8  
5 10

40 5  
80 38

Fresh  
"

D  
D

Topsoil 3; grey limestone 65. Water at 65.  
Clay stones 34; light brown limestone 107; light grey limestone 185; dark brown limestone 204; dark grey limestone 216. Water at 214.  
Sandy clay 29; grey limestone 125. Water at 110.  
Gravelly clay 23; grey limestone 66. Water at 66.

Con XI " 11 G. Parkinson  
Con XII " 1 F. Neil

J. Cudney  
C. Hill

Aug. 19, 1967  
Apr. 4, 1967

4 8  
4 12

40 18  
40 5

"  
"

D  
D

Topsoil 1; brown clay 10; gravel sand 14; light grey rock 30; brown rock 42; dark brown rock 60. Water at 60.  
Topsoil 1; brown clay stones 5; grey clay stones 17; white limestone 30; light grey rock 60. Water at 58.

## Division D

Con I lot 23 A. Sumowski

Graham Well Drlg.

June 1, 1967

4 10

40 Flows

Fresh

D

Topsoil 1; brown clay 10; gravel sand 14; light grey rock 30; brown rock 42; dark brown rock 60. Water at 60.

Con I " 24 C. Walinga  
Body & Coach  
Ltd.

"

Sep. 27, 1965

5 25

40 6

"

C

Topsoil 1; brown clay stones 5; grey clay stones 17; white limestone 30; light grey rock 60. Water at 58.

Con I " 25 B. Campbell

A. Earley

Sep. 14, 1966

4 10

35 30

"

D

Stones clay 33; limestone 74; blue shale 75. Water at 52 and 75.

Con I " 29 G. Larter

J. Cudney

Aug. 10, 1967

4 12

20

"

D

Fine sand 7; sandy clay large stone 34; brown limestone 80. Water at 80.

Con II " 7 L. Dadd

Graham Well Drlg.

Oct. 23, 1967

4 8

95 76

"

D

Topsoil 1; brown clay stones 10; grey hardpan gravel 95; fine sand 108; light grey rock 150; brown rock 165; grey rock 185. Water from 150 to 185.

Con II " 8 B. Messner

"

Apr. 7, 1964

4 10

70 65

"

D

Clay boulders 40; clay sand 72; fine brown sand 86; light grey stone 128; brown stone 132. Water at 128.

Con II " 8 R. Parkison

C. Hill

Oct. 30, 1964

4 7

85 72

"

D

Clay 70; gravel 85; sand 101; grey limestone 180. Water at 180.

Con II " 8 J. Kruisellbiuk

"

Jan. 9, 1965

4 10

70 40

"

D

Soft clay 14; cemented gravel 87; grey limestone 194. Water at 194.

Con II " 8 A. Tedesco

A. Earley

Sep. 27, 1965

4 15

55 36

"

D

Clay stones 25; clay gravel 60; sand 83; light brown limestone 115; blue rock 126; rusty brown rock 128. Water at 115 and 126.

Con II lot 10 J. Karsten  
Con II " 10 S. Noguchi

J. Cudney  
A. Earley

June 18, 1964  
July 25, 1964

4 7  
4 20

60 23  
40 27

Fresh  
"

D  
D

Sandy clay large stones 43; grey limestone 80. Water at 80.  
Clay stones 15; sand clay 25; blue clay 28; sandy clay 41; grey rock 73. Water at 46 and from 70 to 73.

Con II " 10 B. Verspagen

J. Cudney

Apr. 29, 1965

4 10

60 60

"

D

Stony clay 80; grey limestone 138. Water at 138.

Con II " 10 A. Dickson

"

July 1, 1964

4 2

95 60

"

D

Stony clay 75; grey limestone 157. Water at 157.

Con II " 10 R. Winch

A. Earley

July 26, 1965

4 10

60 25

"

D

Topsoil 1; clay 30; sandy clay 46; white limestone 106; light blue rock 112. Water at 58 and 111.

Con II " 10 E. Christenson

"

Sep. 14, 1965

4 15

48 44

"

D

Topsoil 1; sand 17; brown clay 45; brown rock 48; brown clay 52; light brown limestone 81; corevice rock 84; light brown shale 90. Water at 70 and from 85 to 90.

Con II " 10 P. Pirico

Graham Well Drlg.

Nov. 16, 1965

4 15

55 50

"

D

Brown clay stones 20; brown sand 35; grey clay gravel 47; light brown sand 60; light brown rock 64; white rock 85; light grey rock 150. Water at 150.

Con II " 10 P. Lilley

A. Earley

Nov. 23, 1965

4 15

80 60

"

D

Stones clay 20; sandy blue clay 60; fine sand 77; light brown limestone 134. Water at 132.

Con II " 10 I. Fell

"

Dec. 2, 1965

4 15

70 38

"

D

Sandy clay 15; gravelly clay 50; sand clay 54; grey rock 100. Water at 73 and 100.

Con II " 10 W. Densmore

J. Cudney

July 20, 1967

4 7

60 35

"

D

Silty clay 10; stony clay 55; grey limestone 105. Water at 105.

Con II " 19 A. Patterson

A. Earley

Dec. 11, 1964

4 8

30 25

"

D

Clay stones sand 3; gravel stones 14; brown limestone 56; light blue rock 63. Water at 56 and 63.

Con II " 19 L. Halls

"

July 13, 1967

4 12

20 7

"

D

Stones clay gravel 14; brown rock 56; blue rock 70. Water at 50 and 70.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRIER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS *
<small>(Depth to which formation entered below the surface are given in feet)</small>										
WELLINGTON COUNTY - cont.										
Guelph Twp. - cont.										
Division D cont.										
Con II lot 20	B. Fletcher Sr.	Graham Well Drlg.	July 30, 1964	5	10	20	7	Fresh	D	Clay stones 17; light brown rock 58; dark brown rock 72; dark grey rock 77. Water at 72.
Con II " 23	W. Pieczewski	J. Cudney	June 15, 1964	4 1/2	15	40	2	"	D	Stony clay 15; grey limestone 70. Water at 70.
Con II " 23	I. Ben	Graham Well Drlg.	Nov. 23, 1965	4 1/2	6	60	30	"	D, S	Topsoil 1; grey clay 35; gravel brown clay 42; light brown rock 60; light grey rock 105. Water at 105.
Con II " 25	J. Alexander	C. Hill	June 22, 1964	4	10	45	6	"	D, S	Very stony clay 36; bluish grey rock 96. Water at 96.
Con II " 29	W. Heffernan	J. Cudney	Sep. 11, 1963	4 1/2	3	80	20	"	D	Stony clay 45; grey limestone 134. Water at 134.
Con III " 7	Ignatius College	A. Earley	Mar. 26, 1965	4	12	50	35	"	P	Topsoil 1; stony clay 15; sand clay 59; grey rock 110; blue rock 125. Water at 68, 90 and 125.
Con III " 20	J. Kirby	Graham Well Drlg.	Jan. 22, 1964	5	10	28	16	"	D	Dug well 15; gravel coarse sand 16; light brown rock 80. Water at 35 and 80.
Con III " 26	P. Boyles	C. Hill	Jan. 28, 1965	4	10	80	8	"	D	Clay 30; hard brown rock 97. Water at 97.
Con III " 26	H. Wilson	"	Feb. 24, 1965	4	8	70	10	"	D	Soft clay 32; hard brown limestone 101. Water at 101.
Con IV " 19	D. Parrish	A. Earley	July 9, 1964	4 1/2	7	70	40	"	D	Topsoil 1; clay stones 12; sandy clay 52; cemented gravel 55; sandy clay 61; grey rock 92; brown rock 101; grey rock 123; blue rock 150; brown rock 157. Water at 95 and 157.
Con IV " 21	F. Hasenfratz	McLaughlin Water Wells & Supply	June 21, 1967	5	10	65	35	"	D	Tile 18; grey clay 35; hardpan 55; grey clay sand 61; rock 127. Water from 65 to 127.
Con V " 7	D. Reilly	A. Earley	July 14, 1966	4 1/2	10	30	22	"	D	Sand clay gravel 33; brown rock 46; blue rock 65. Water at 65.
Con V " 18	C. Fisher	"	Mar. 29, 1966	4	6	120	50	"	D	Stones clay 9; sandy clay 50; hard packed sand 64; brown rock 120; blue rock 135; black rock 167. Water at 135 and 167.
Con V " 28	G. VonWiedner	"	Jan. 20, 1966	4	6 1/2	80	40	"	D	Clay stones gravel 80; dark brown rock 161; light brown rock 167. Water at 144 and 161.
Con VI " 9	Brazolot Const.	C. Hill	Dec. 31, 1965	4	4	80	30	"	D	Clay 86; hard brown rock 151. Water at 151.
Con VI " 25	J. McKenzie	A. Earley	July 17, 1965	4	10	50	39	"	D	Stone clay 20; clay 70; hard packed gravel 75; blue rock 95. Water at 82 and 95.
Division E										
Con I lot 1	Guelph City Transport Ltd.	C. Hill	May 20, 1964	4	10	45	22	Fresh	C	Fill 5; clay 31; grey limestone 87. Water at 87.
Con I " 5	D. Goodchild	"	Oct. 20, 1966	4	15	50	20	"	D	Soft clay sand 16; white limestone 114. Water at 114.
Con I " 5	"	"	Feb. 3, 1965	5	15	15	15	"	"	Sandy clay 17; grey limestone 108. Water at 108.
Con I " 5	Feplow Transport Ltd.	A. Earley	Feb. 20, 1966	4	15	50	34	"	C	Clay stones gravel 25; limestone 59; soft brown rock 60; limestone 75; white rock 123. Water at 75 and 123.
Con II " 7	J. Szewc	"	Dec. 15, 1965	4	20	40	32	"	D	Topsoil 1; gravel stones clay 37; brown rock 75; blue rock 100; brown rock 106. Water at 75 and 106.
Con II " 8	City of Guelph	Graham Well Drlg.	Aug. 22, 1966	12	400	167 1/2	24	"	P	Topsoil 1; brown clay gravel 17; light grey rock 32; blue grey rock 38; light brown rock 82; light grey rock 120; dark grey rock 170; dark grey brown seams rock 320; light blue rock 335; blue shale. Water at 81 and 240.
Con II " 8	"	"	June 2, 1966	5	200	140	18	"	T	Topsoil 1; brown clay gravel 17; light grey rock 32; blue grey rock 38; light brown rock 82; light grey rock 120; dark grey rock 170; dark grey brown seams rock 260. Water at 81 and 240.
Lot C	L. Heringa	"	May 25, 1964	5	15	40	9	"	D	Clay stones 12; light brown rock 60; light grey rock 104; hard brown stone 114. Water at 112.
"	C. E. Benik	"	Apr. 13, 1965	4 1/2	10	50	16	"	D	Topsoil 1; brown clay stones 12; fine sand 18; light brown rock 90; black rock 114. Water at 114.
"	C. N. Martini	A. Earley	Feb. 4, 1967	4	8	50	19	"	D	Dug well 5; clay stones 15; limestone 92. Water at 50 and 92.

\* See end of Appendix C for the meanings of abbreviations and symbols.

WELLINGTON COUNTY - cont.  
Guelph Twp. - cont.  
Division G

Con I	lot 9	University of Guelph	Graham Well Drlg.	Oct.13,1966	4 $\frac{1}{2}$	10	80	18	Fresh	D	Topsoil 1; brown clay gravel 15; grey clay gravel 56; light brown rock 63; dark brown rock 80; black rock 130; dark grey rock 160. Water at 63 and 160.
Con II	" 7	Federated Colleges	C. Goodberry Well Drlg.	May 29, 1964	6	110	160	46	Sulphur	Ir	Clay gravel 51; brown limestone 105; black limestone 150; light blue limestone 170; grey limestone 208. Water from 204 to 208.
Con III	" 8	"	"	Apr. 18, 1964	6	160	180	72	Fresh	P	Sandy soil 3; gravel 19; silt sand 63; quicksand 68; clay gravel 71; brown limestone 105; black limestone 170; grey limestone 251. blue limestone 252. Water from 75 to 251.
Con III	" 8	"	"	Mar. 19, 1965	10	115	150	54	"	P	Sandy soil 3; gravel 19; silt sand 63; quicksand 68; clay gravel 72; brown limestone 105; black limestone 170; grey limestone 251; blue limestone 258. Water from 75 to 251.
Con III	" 8	"	"	June 19, 1964	6	375	180	57	"	P	Black topsoil 2; clay 10; silt 34; gravel small boulders 37; sandy silt 60; quicksand 65; hard grey clay gravel 85; brown limestone 115; black limestone 182; grey limestone 260; blue limestone 265. Water at 90, 115, 180 and 260.
Con III	" 8	"	"	Feb. 16, 1965	10	400	92	74	"	P	Black topsoil 2; clay 10; silt 34; gravel 37; sandy silt 60; quicksand 65; hard grey clay gravel 85; brown limestone 115; black limestone 182; grey limestone 205; crevice 211. Water at 90 and 205.
Con IV	lot 6	G. Craig	A. Earley	May 31, 1965	4	15	35	25	Fresh	D	Stone gravel 15; sand 42; light brown limestone 81; dark brown rock 100. Water at 80 and 100.
Con IV	" 8	L. Currie	"	May 14, 1964	4 $\frac{1}{2}$	10	35	30	"	D	Fine sand 40; cemented gravel 42; fine sand 51; light brown rock 80; black rock 136. Water at 80 and 136.
Con V	" 1	Can. Gypsum Co.	Graham Well Drlg.	Aug. 4, 1964	3	30		Flows	Sulphur	In	Quarry pit 25; black rock 55; grey rock 85. Water at 15, 18, 24, and 30.
Con V	" 6	E. Higgins	"	Nov. 6, 1965	4	10	70	56	"	D	Sand gravel 20; sandy clay 43; light brown limestone 108. Water at 92 and 108.
Con V	" 6	G. Moore	"	June 8, 1964	4 $\frac{1}{2}$	10	50	46	"	D	Sand gravel 50; stones sand 60; sand brown clay 62; light brown limestone 95. Water at 70 and 95.
Con V	" 7	Kero Constr. Co	C. Hill	June 9, 1964	4	4	70	30	"	D	Gravel sand 42; grey limestone 95; hard brown rock 102. Water at 102.
Con V	" 7	D. Forbs	A. Earley	Nov. 18, 1964	4	10	50	39	"	D	Stones gravel 25; sand 35; stones gravel 39; limestone light brown 80. Water at 50 and 80.
Con V	" 7	G. Towers	"	July 15, 1964	4 $\frac{1}{2}$	14	40	30	"	D	Clay stones 3; gravel 31; brown rock 47. Water at 47.
Con V	" 7	Brozot Const.	C. Hill	Jan. 21, 1964	4	6	80	30	"	D	Gravel 42; grey limestone 97. Water at 97.
Con V	" 6	K. Yates	Graham Well Drlg.	May 8, 1964	4 $\frac{1}{2}$	10	70	50	"	D	Fine brown sand 6; sand gravel 50; light brown rock 122; dark brown rock 126. Water at 125.
Con V	" 7	R. Mondy	A. Earley	Feb. 13, 1965	4	10	30	21	"	D	Stones gravel 8; sand 25; gravel stones 37; light brown limestone 70. Water at 63 and 70.
Con V	" 7	Kero Constr.	C. Hill	Mar. 27, 1965	4	10	60	25	"	D	Gravel 10; fine sand 32; brown limestone 100. Water at 100.
Con V	" 7	"	"	June 19, 1965	4	10	60	23	"	D	Stony gravel 40; brown limestone 97. Water at 97.
Con V	" 7	K. Cutting	"	Aug. 9, 1965	4	10	60	20	"	D	Stony gravel 35; brown limestone 101. Water at 101.
Maryborough Twp. Con I	lot 5	J. Scott	C. Keeso	Apr. 9, 1964	4	15	57	55	Fresh	C	Topsoil 3; clay gravel 84; brown shale 91; brown limestone 158. Water at 158.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Maryborough Twp. - cont.										
Con I	lot 18 N.Vollmer	C.Keeso	Feb.20,1964	4	10	105	84	Fresh	D,S	Dug well 20;clay boulders 142;brown shale 161;brown limestone 256;white limestone 276. Water from 248 to 276.
Con II	" 7 C.McLeod	"	Aug. 5,1965	4	14	78	75	"	D,S	Clay 4;hardpan 100;sandy clay 126;shale 138;blue limestone 186. Water from 180 to 186.
Con III	" 15 M.Peick	Hadco Well Digging Ltd.	July 13,1966	5 1/2	25	70	25	"	D	Brown clay 12;sand 25;gravel 37;blue clay 68;gravel sand 74; blue clay 76;gravel 95. Water at 90.
Con III	" 17 H.Groh	Kerr's Well Drlg.	July 6,1967	4	10	120	90	"	D	Silty sand 40;gravel 42;boulder clay 75;cemented gravel 140; grey limestone 153. Water from 150 to 152.
Con III	" 18 D.Hawes	Lone Star Well Digging	July 7,1965	30	10	20	15	"	D	Brown clay 23;gravel 25. Water at 23.
Con IV	" 18 F.Snider	Hadco Well Drlg. & Digging Ltd.	Oct.23,1967	5 1/2	8	60	20	"	D	Brown clay 18;blue clay 50;gravel sand 65;blue clay 80;grey shale 86;grey limestone 140. Water at 138.
Con V	" 17 G.Leslie	"	Dec. 2,1964	5 1/2	15	170	48	"	S	Clay 63;sand 67;sand clay 113;gravel 114;clay rock 155;rock 173;clay 178;grey rock 183. Water from 178 to 183.
Con V	" 18 E.Cook	"	July 5,1967	30	3	23	8	"	D	Topsoil 1;brown clay 2;brown sand 12;sand gravel 23;blue clay 25. Water at 10.
Con VI	" 18 Traugot Const.	McLaughlin Water Wells & Supply	Aug.28,1967	7	12	36	30	"	D	Topsoil 1;clay stones 30;clay sand 40;hardpan 48;gravel 49. Water at 48.
Con VII	" 13 Moorefield Produce Co.	G.Davidson	Oct.20,1966	5	25	160	77	"	S	Topsoil 1;brown clay 24;hardpan clay stones 135;reddish brown soft shale 190;grey hard rock 191;green soft shale 220;grey medium soft shale rock 232. Water at 232.
Con VIII	" 3 F.Body	"	Nov. 1,1965	4	8	60	36	"	S	Topsoil 1;clay brown stones 12;blue clay stones 90;yellow white shale 93;yellow white hard rock 114;bluish grey medium hard rock 137;green sticky shale 139;grey brown hard rock 162. Water at 162.
Con VIII	" 12 S.Denstedt	"	Aug.15,1967	4	8	60	50	"	D,S	Topsoil 1;brown clay 22;bridging clay 35;hardpan stones sand gravel streaks 84;hardpan 125;buff soft limestone 142;green blue medium hard shale 157. Water at 157.
Con VIII	" 18 K.Drost	"	Aug.19,1964	4	14	85	73	"	D,S	Clay 50;hardpan 117;shale 131;loose brown rock 136. Water at 136.
Con IX	" 7 A.Schneider	"	Sep.17,1964	4	15	50	13	"	D,S	Gravel 40;hardpan 78;red shale 129;brown rock 149;red rock 149. Water at 149.
Con IX	" 7 H.Ossel	Hadco Well Digging Ltd.	Apr.25,1967	5	10	50	30	"	D,S	Topsoil 1;brown sandy clay 15;brown clay 20;blue clay stones 35;hardpan 47;blue clay stones 75;blue clay hardpan 81;brown limestone 115. Water at 105 and 110.
Con IX	" 9 Twp. Maryborough	G.Davidson	Sep.19,1966	4	8	50	46	"	P	Sand gravel 42;clay 50;gravel 53;blue shale 66;brown shale 82; red shale 135;blue shale 190. Water at 190.
Con IX	" 75 G.Welsh	"	Sep.26,1966	4 1/2	10	35	19	"	D	Sand gravel 2;red clay 7;hardpan 48;red soft shale 51;brown soft rock 83. Water at 83.
Con IX	" 9 C.McLeod	Graham Well Drlg.	June 7,1967	4	10	60	27	"	D	Topsoil 1;brown clay stones 45;grey clay 80;grey rock red clay seams 120;grey rock 140. Water at 140.
Con IX	" 15 M.Dulmering	G.Davidson	Sep.19,1967	4	12	20	20	"	D,S	Topsoil 2;clay 18;stony hardpan 56;soft shale 84;grey soft rock 114. Water at 114.
Con X	" 12 W.VandenHazel	"	Sep.14,1965	4	10	60	55	"	D,S	Topsoil 1;blue clay 9;coarse gravel 40;hardpan 113;brown hard rock 143. Water at 143.
Con X	" 14 A.Rumph Sr.	Hadco Well Drlg. & Digging Ltd.	Nov.27,1964	5 1/2	10	110	65	"	D,S	Clay rocks 84;rocks gravel 106;rock 134;shale 205;grey rock 213;white rock 218. Water from 215 to 218.

WELLINGTON COUNTY - cont.  
Maryborough Twp. - cont.

Con X	lot 15	H. Udy	Durham Drlg. & Enterprises	Jan. 21, 1964	4	12	75	60	Fresh	D, S	Grey clay 20; stony clay 40; grey clay 60; sandy clay 110; sand 120; grey clay 160; blue shale 210; hard brown rock 217. Water from 160 to 217.
Con X	" 15	J. Bloemberg	G. Davidson	Nov. 7, 1967	4	8	90	60	"	D	Clay sand 8; hardpan 45; sand 53; hardpan 109; loose cream hard rock 113; cream soft rock 150; blue soft shale limestone 192; brown hard limestone 195; blue soft shale 197. Water at 197.
Con X	" 17	B. Flinkert	"	Nov. 14, 1967	5	25	130	80	"	D, S	Topsoil 8; brown clay 17; blue clay small stones 109; bridging clay 130; clay stones 141; blue shale 216; brown shale 219; blue shale 230; brown limestone 232. Water at 232.
Con XII	" 5	V. Wood	Durham Drlg. & Enterprises Ltd.	Dec. 7, 1964	4	15	26	22	"	D	Topsoil 1; hardpan stones 40; sand gravel 68; hard grey rock 92. Water from 88 to 92.
Con XII	" 9	P. Schleicher	"	May 29, 1964	4	20	60	50	"	D, S	Topsoil 4; stony clay 30; soft grey clay 75; sandy clay 100; grey soft clay 115; brown rock 140. Water from 115 to 140.
Con XII	" 15	L. Dobben	Hadco Well Digging Ltd.	Sep. 10, 1965	30	2		14	"	D	Topsoil sandy loam 1; brown sandy clay 14; brown sand 19; grey sand 23; grey clay 30. Water at 14 and 19.
Con XIII	" 11	J. Miller	Kerr's Well Drlg.	Sep. 6, 1966	5 1/2	15	80	60	"	D, S	Dug pit 8; stony brown clay 77; sandy clay 95; blue clay 112; blue shale 160; grey limestone 185. Water at 150 and 180.
Con XIII	" 9	K. Dickson	Durham Drlg. & Enterprises Ltd.	Jan. 7, 1964	4	10	60	55	"	D, S	Topsoil 1; hardpan gravel 60; sand gravel 101; grey limestone 136. Water from 130 to 135.
Con XIII	" 9	G. Piller	Kerr's Well Drlg.	Apr. 1965	6 1/2	25	60	35	"	D, S	Sand boulders 30; clay 82; brown shale 91. Water from 90 to 91.
Con XIV	" 1	J. Hicks	Water Well Drlg.	Jan. 4, 1966	4	21	20	18	"	C	Gravel 31; hardpan gravel 54; hard brown limestone 118. Water at 116.
Con XIV	" 10	L. Schell	Lunney Well Drlg.	Sep. 7, 1967	4	8	105	69	"	D	Grey clay 40; grey clay gravel mixture 130; grey clay 205; limestone 210. Water at 210.
Con XVII	" 16	J. Mainland	Durham Drlg. & Enterprises	Feb. 23, 1965	4	18	45	36	"	D, S	Topsoil 3; stony clay 40; soft clay 120; sandy clay 200; sand 220; stony clay 230; sand 235; clay 245; sandy clay 255; fine gravel 261. Water from 200 to 261.
Con XVII	" 17	J. Workman	"	Jan. 16, 1964	4	15	40	32	"	D, S	Open hole 6; large stone clay 24; sandy clay 50; hard clay 65; sandy clay 85; sand 100; sandy clay 124; sand 180; clay 200; sandy clay 240; sand 242; shale 246. Water from 246 to 247.
Minto Twp.											
Con A	lot 1	R. Andrews	Water Well Drlg.	Apr. 7, 1964	5	20	5	5	Fresh	D, S	Topsoil 3; gravel sand 20; clay 50; hardpan 90; boulders hardpan 110; clay 125; gravel 146; brown blue limestone 155. Water at 155.
Con A	" 7	C. Smith	Hadco Well Drlg. & Digging Ltd.	Oct. 20, 1967	5	8	60	30	"	D, S	Topsoil 1; sand 12; gravel 25; yellow clay 38; blue clay hardpan 75; blue shale 80; blue clay 90; blue shale 102; brown limestone 125. Water from 95 to 125.
Con A	" 12	P. Lucas & Sons	Durham Drlg & Enterprises	Aug. 24, 1967	4	10	105	105	"	D, S	Brown clay 20; grey clay 60; grey sand 130; soft grey clay 141; grey rock 184. Water from 150 to 184.
Con A	" 14	E. Shaw	Water Well Drlg.	Sep. 14, 1967	4	10	62	58	"	S	Sand 23; hardpan 90; grey limestone 145. Water at 120 1/2 and from 142 to 145.
Con A	" 17	P. Lucas	Durham Drlg. & Enterprises	Aug. 29, 1964	4	15	55	55	"	D, S	Clay boulders 95; grey clay 144; dark grey rock 153. Water from 145 to 153.
Con C	" 69	L. Watts	E. Keeso	Sep. 25, 1967	4	15	22	21	"	D, S	Dug well 21; clay gravel 46; hardpan gravel 80; gravel boulders 89; hardpan 96; clay 108; brown shale 115; brown limestone 134. Water at 134.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST S.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formation extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Minto Twp. - cont.										
Con D	lot 78 W. Dietz	E. Keeso	Aug. 23, 1965	4	13 1/2	24	20	Fresh	D, S	Dug well 32; brown shale 46; brown limestone 49. Water at 49.
Con D	" 91 T. Aitken	"	May 25, 1966	4	12	35	28	"	D	Gravel 22; sand gravel 31; shale 54; brown blue limestone 104. Water from 99 to 104.
Con D	" 93 D. Anderson	"	Dec. 1, 1965	5	15	13	7	"	D, S	Dug well 34; hard brown shale 50; hard brown limestone 76; soft blue limestone 98. Water from 93 to 98.
Con II	" 39 A. Lee	C. Keeso	Apr. 19, 1966	4	15	32	31	"	D, S	Topsoil 3; brick clay 50; sandy hardpan 90; whitish shale 140; brown limestone 156. Water from 140 to 156.
Con VII	" 31 B. Stinson	E. Keeso	Oct. 15, 1965	4	14	41	30	"	D, S	Gravel clay 14; hardpan stones 35; hard brown shale 95; blue shale 110; blue limestone 160. Water from 157 to 160.
Con IX	" 6 B. Beukema	G. Davidson	Dec. 10, 1965	4	10	35	13	"	D, S	Topsoil 3; sandy stony clay 10; clay sand 57; blue shale 63; brown rock 71; brown blue rock 84; blue shale 96. Water at 96.
Con XI	" 23 H. Noble	E. Keeso	Aug. 6, 1965	4	13	42	36	"	D, S	Dark brown topsoil 3; coarse sand 18; hardpan stones 59; hard brown shale 64; soft blue limestone 146; hard blue limestone 152. Water at 146 and 152.
Con XI	" 32 K. Reidt	"	June 11, 1965	4	13 1/2	20	19	"	D, S	Clay 31; gravel clay 58; sand clay 73; brown shale 87; brown limestone 107. Water from 103 to 107.
Con XI	" 36 A. Roth	"	Oct. 2, 1965	4	20	32	29	"	D, S	Clay stones 41; brown shale 124; hard brown limestone 131; white limestone. Water at 131.
Con XII	" 8 R. Sterritt	Durham Drlg. & Enterprises Ltd.	Oct. 12, 1967	4	15	45	40	"	D, S	Topsoil 3; gravel boulders 30; sandy clay 70; gravelly clay 78; brown rock 124. Water from 90 to 124.
Con XII	" 18 F. Crispen	E. Keeso	Dec. 27, 1967	4	15	30	29	"	D, S	Dark brown topsoil 2; sandy clay 14; coarse gravel clay 52; blue shale 93; soft blue limestone hard streaks 122. Water from 119 to 122.
Con XII	" 37 L. Grummett	G. Davidson	Feb. 28, 1966	4	10	30	25	"	D, S	Gravel 14; blue clay 24; gravel sand 30; hardpan 38; sand 83; clay stones 108; brown soft shale 114; dark brown soft rock 144. Water at 144.
Con XIII	" 4 J. Murray Const. Moorefield.	Graham Well Drlg.	Aug. 10, 1967	5	20	45	37	"	C	Brown clay stones 24; gravel 50; brown clay gravel 93; grey clay gravel 106; brown grey stones clay 120; gravel brown rock 163. Water at 163.
Con XIII	" 42 D. Murray	E. Keeso	Apr. 22, 1966	4	12	30	28	"	D, S	Hardpan 51; gravel clay 66; soft clay 103; white yellow shale 116; white limestone 131. Water at 131.
Con XIV	" 6 J. Manser	Water Well Drlg.	June 1, 1964	7	20	50	48	"	D, S	Topsoil 3; hardpan boulders 90; gravel boulders 110; gravel 152; grey brown limestone 200. Water at 200.
Con XIV	" 11 H. Malgin	Durham Drlg. & Enterprises	July 20, 1965	4	15	55	36	"	D, S	Topsoil 2; yellow sand 40; grey sand 82; brown shale 93. Water from 82 to 93.
Con XIV	" 21 L. Whetham	G. Davidson	Jan. 3, 1967	4	12	38	36	"	S	Red clay 15; sand gravel 37; gravel 43; sand gravel 59; blue shale 132; brown rock 139. Water at 139.
Con XV	" 20 H. Teune	E. Keeso	Oct. 3, 1967	4	15	38	38	"	D, S	Dug well 21; clay 38; gravel clay 69; hardpan 84; blue clay 93; blue shale 106; blue limestone 141. Water at 141.
Con XV	" 22 C. Neil	"	Jan. 14, 1966	4	13	25	23	"	D	Brown clay 3; coarse gravel 21; hardpan stones 49; brown shale 60; blue brown limestone 112. Water at 108 and 112.
Con XVI	" 13 H. Daly	Hadco Well Digging Ltd.	Dec. 20, 1965	30	1/2		30	"	D	Topsoil 2; grey brown sandy loam 7; brown sand 12; light brown sand 17; grey sand 30; brown gravel 35; brown sandy gravel 40. Water from 17 to 40.
Con XVI	" 22 J. Wetham	E. Keeso	Dec. 12, 1967	4	15	41	40	"	D, S	Dark brown topsoil 2; coarse gravel boulders 38; coarse sand 90; blue brown shale 114; soft blue brown limestone hard streaks 151. Water at 145 and 151.
Con XVII	" 15 J. Callum	Hadco Well Digging	Dec. 20, 1965	30	1/2		4	"	D	Brown sand 4; grey brown sand 7; brown sand gravel 12; blue clay 14. Water from 4 to 12.
Con XVII	" 34 H. Hopf	E. Keeso	Aug. 4, 1966	4	10	74	64	"	D, S	Dug well 47; clay sand 83; sand 97; gravel sand 104; brown shale 111; brown limestone 184. Water from 149 to 184.

WELLINGTON COUNTY - cont.  
Mt. Forest Town

		J. Benson	K. Mighton & Sons	Nov. 30, 1966	4	5	50	35	Fresh	D	Topsail 1; large stones clay 50; ridges hardpan sandy clay 83; coarse sand gravel 87. Water from 85 to 87.
Nichol Twp.											
Con I	lot 6	B. McWhinney	J. Cudney	Dec. 20, 1967	4	7	60	18	Fresh	D	Clay 4; white limestone 115. Water at 115.
Con I	" 7	N.O. Sullivan	"	July 24, 1965	4 1/2	5	80	30	"	D	Sandy clay 7; grey limestone 151. Water at 151.
Con I	" 7	M. Halls	"	Oct. 17, 1967	4	9	60	32	"	D	Stony clay 4; grey limestone 95. Water at 95.
Con I	" 10	J. Pearson	"	Aug. 6, 1965	4 1/2	5	75	70	"	D	Stony clay 77; grey limestone 131. Water at 131.
Con I	" 10	W. Gelger	"	Oct. 8, 1967	4	5	30	12	"	D	Grey limestone 106. Water at 106.
Con I	" 12	R. Ritchie	Graham Well Drlg.	May 24, 1966	4 1/2	12	85	72	"	D	Topsail 1; brown clay 35; grey clay stones 56; light grey rock 90; dark brown rock 135; light brown rock 171. Water at 70.
Con II	" 7	J. McGladery	J. Cudney	Apr. 13, 1966	4 1/2	4	80	18	"	D, S	Clay large stone 15; hardpan 33; grey limestone 178. Water at 178.
Con II	" 10	C. Stephens	"	Mar. 8, 1967	4	8	60	39	"	D	Clay large stones 30; grey limestone 96. Water at 90.
Con VI	" 5	F. Floto	A. Earley	Apr. 13, 1966	4	15	50	30	"	D, S	Topsail 1; sandy brown clay 80; grey clay 82; brown limestone 141. Water from 120 to 140.
Con VI	" 6	A. Beattie	J. Cudney	July 1, 1967	4	8	60	18	"	D	Stony hardpan 40; clay 64; grey limestone 109. Water at 109.
Con VII	" 1	H. Bowers	Graham Well Drlg.	July 9, 1965	4 1/2	12	70	26	"	D, S	Topsail 1; brown clay stones 15; grey clay stones 118; light brown rock 130; dark brown rock 180; grey rock 218. Water from 160 to 218.
Con VII	" 13	N. Kent	C. Hill	Dec. 20, 1967	4 1/2	15	45	20	"	D, S	Sandy clay 15; hard sticky clay 45; brown limestone 135. Water at 135.
Con VIII	" 1	G. Angst	"	Mar. 19, 1964	4	12	40	3	"	D	Clay 43; gravel 56; grey blue limestone 121. Water at 121.
Con VIII	" 1	Twp Nichol School Board	Graham Well Drlg.	Apr. 1, 1964	6 1/2	30	60	17	Sulphur	P	Topsail 2; clay gravel 80; brown stone 90; yellow rock 230; grey rock 248; light grey stone 262. Water from 140 to 260.
Con VIII	" 1	J. Rogers	A. Earley	Aug. 25, 1965	4	10	60	12	Fresh	D	Topsail 2; gravel clay 53; brown rock 64; brown mud 65; brown rock 75; light blue rock 90; blue clay 95; light blue rock 100; dark brown rock 128. Water at 108 and 128.
Con VIII	" 5	P. McGee	J. Cudney	Nov. 30, 1966	4	7	45	37	"	D	Dug well 37; stony clay 49; grey limestone 119. Water at 119.
Con VIII	" 5	Katerberg Const	C. Hill	Aug. 24, 1967	4	10	70	45	"	D	Clay 30; gravel 37; hard brown rock 106. Water at 106.
Con VIII	" 7	A. Lening	Graham Well Drlg.	Oct. 15, 1965	4	10	60	35	"	D	Loam topsail 1; clay stones 38; light brown rock 75; dark brown rock 108; light grey rock 138. Water at 136.
Con VIII	" 13	D. Scott	J. Cudney	June 1, 1967	4	8	60	28	"	D	Brown clay 100; sand 110; grey limestone 150. Water at 150.
Con VIII	" 14	W. Butterfield	C. Hill	Aug. 10, 1967	4	10	45	12	"	D	Clay 30; gravel 65; grey limestone 156. Water at 156.
Con IX	" 1	J. Veldman	Graham Well Drlg.	Jan. 5, 1965	4	5	95	24	"	D	Brown clay stones 25; brown clay gravel 70; light brown rock 83; dark brown rock 97; dark brown rock 155. Water from 100 to 155.
Con IX	" 1	S. Kerr	"	Mar. 19, 1965	4 1/2	5	75	25	"	D	Topsail 2; dark brown clay stones 23; light brown clay gravel 60; dark brown clay gravel 72; light brown rock 86; dark grey rock 98; dark brown rock 166. Water at 166.
Con IX	" 1	J. Dumering	"	Oct. 8, 1965	4	4	80	35	"	D	Old dug well 16; clay stoney 68; brown rock 118; dark grey rock 125; dark brown rock 170. Water at 170.
Con IX	" 1	D. Denton	A. Earley	Mar. 9, 1966	4	9	60	15	"	C	Topsail 1; sandy clay 74; broken brown rock sand 78; blue rock 92; brown mud rock 98; dark brown rock 120; mud rock 125; brown rock 163. Water at 88, 115 and 163.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Nichol Twp. - cont.										
Con IX lot 1	J. Wynd	Graham Well Drlg.	Mar. 22, 1966	4 1/2	8	80	26	Fresh	D	Brown clay stones 35; grey clay stones 76; sand 83; blue grey rock 98; dark grey rock 110; brown rock 125; light grey rock 160; brown rock 170. Water at 125.
Con IX	" 1 D. McCrea	"	June 29, 1966	4	10	55	30	"	D	Brown clay stones 10; brown clay gravel 64; brown clay stones 83; brown clay gravel 94; grey rock 98; dark brown rock 193. Water at 193.
Con IX	" 1 J. Reinhart	J. Cudney	Feb. 9, 1967	4	6	60	15	"	D	Dug well 20; stony clay 45; hardpan 71. Water at 145.
Con IX	" 1 Brazlot Constr	Graham Well Drlg.	May 29, 1967	4 1/2	10	70	"	"	D	Topsoil 1; brown clay 15; grey clay 45; light grey rock 60; brown rock 110; dark brown rock 170; dark grey rock 180. Water at 90 and 180.
Con IX	" 1 G. Lodder	Lunney well Drlg.	Sep. 14, 1967	4	8	15	Flows	"	D	Yellow clay 43; limestone grey clay streaks 54; gravel 55. Water at 55.
Con IX	" 4 G. Pinkney	Graham Well Drlg.	Jan. 17, 1964	4 1/2	9	57	29	"	D, S	Topsoil 1; brown clay gravel 18; brown clay 58; light brown rock 110; dark brown rock 129. Water from 108 to 129.
Con IX	" 14 I. Jenkinson	C. Hill	Oct. 15, 1966	4	12	45	27	"	D, S	Clay 50; gravel 65; light brown limestone 170. Water at 170.
Con X	" 1 County of Wellington	J. Cudney	June 3, 1966	5	10	40	11	"	C	Sandy clay 6; gravel clay 34; hard brown limestone 150. Water at 150.
Con X	" 1 M. Van Norman	"	Nov. 7, 1967	4	7	40	15	"	D	Sandy clay 20; stony clay 54; grey limestone 122. Water at 100.
Con X	" 3 S. Smith	"	July 27, 1967	4	10	30	12	"	D	Gravel 10; silty clay large stones 85; grey limestone. Water at 85.
Con X	" 5 R. Crabtree	"	July 16, 1964	4	8	40	22	"	D	Clay 35; grey limestone 78. Water at 75.
Con X	" 5 J. O'Toole	C. Hill	Jan. 25, 1966	4	5	60	8	"	D	Clay gravel streaks 21; hard brown rock 81. Water at 81.
Con X	" 5 B. Searle	J. Cudney	Oct. 23, 1967	4	9	25	9	"	D	Stony hardpan 29; grey limestone 80. Water at 80.
Con X	" 8 Brazlot Constr	C. Hill	Oct. 22, 1964	4	10	70	40	"	D	Clay 35; light grey limestone 90. Water at 90.
Con XI	" 1 E. Miller	Ladco Drlg.	Dec. 4, 1965	4	20	"	Flows	"	D	Grey clay rocks 170; gravel layers 172; gravel. Water at 172.
Con XI	" 5 G. Brubacker	Durham Drlg.	Nov. 30, 1966	4	15	30	25	"	D, S	Topsoil 1; hard brown clay 50; hardpan stones 120; cemented gravel 132; sand 142; blue shale 167. Water from 158 to 167.
Con XI	" 10 J. McIntyre	J. Cudney	May 17, 1966	4	15	25	17	"	D, S	Sandy clay 100; grey limestone 135. Water at 135.
Con XI	" 15 K. Schlee	C. Hill	Nov. 14, 1964	4	8 1/2	95	17	"	D	Gravel sand 44; greyish white limestone 231. Water at 231.
Con XI	" 15 C. Murphy	J. Cudney	Apr. 3, 1967	4	10	20	"	"	D	Gravelly clay 15; grey limestone 58. Water at 58.
Con XI	" 15 A. Stimpson	"	Nov. 3, 1966	4	7	60	39	"	D	Sandy loam 20; hard gravel large stones 45; grey limestone 145. Water at 145.
Con XI	" 16 H. Brook	"	Apr. 12, 1967	4	5	60	30	"	D	Clay 3; grey limestone 91. Water at 91.
Con XI	" 17 W. Bittorf	"	May 6, 1964	4	4	90	45	"	D	Sandy clay 11; white limestone 128. Water at 128.
Con XI	" 17 D. Cawthra	"	Aug. 19, 1966	4	4	90	42	"	D	Clay 5; white limestone 150. Water at 150.
Con XI	" 18 K. Dobberthein	"	Apr. 15, 1965	4 1/2	4	60	30	"	D	Stony clay 32; grey limestone 124. Water at 124.
Con XI	" 18 G. Fisher	A. Earley	Oct. 29, 1965	4 1/2	5	100	56	"	D	Old well drilled 77; light blue rock 145; white limestone 227. Water at 227.
Con XI	" 18 A. Stafford	J. Cudney	Mar. 25, 1967	4	6	80	16	"	D	Stony clay 50; grey limestone 180. Water at 180.
Con XI	" 23 J. Stephens	C. Hill	Aug. 9, 1966	4	12	70	35	"	D	Clay 69; grey limestone 151. Water at 151.
Con XII	" 10 Gilmore Merion Blue Sod	McLaughlin Well Drlg.	May 29, 1964	10	200	140	3	"	Ir	Clay 14; sand 18; hardpan 78; shaly limestone 96; brown limestone 130; hard grey limestone 148; shaly white limestone 152; hard grey limestone 247; shaly white limestone 252. Water from 148 to 152 and from 247 to 252.
Con XII	" 19 R. Poote	C. Hill	Nov. 4, 1965	4	7	80	40	"	D, S	Clay 20; gravel clay mixed 30; grey limestone 188. Water at 188.
Con XII	" 19 A. Macdonald	"	Aug. 19, 1965	4	8	42	20	"	D	Dug well 12; clay 40; hard brown rock 112. Water at 112.
Con XII	" 19 R. Morrison	A. Earley	July 23, 1966	4	10	30	22	"	D	Clay stones 35; limestone 97; blue rock 102. Water at 58 and 97.

WELLINGTON COUNTY - cont.

Nichol Twp. - cont.

Con XII	lot 19	D. Smith	J. Cudney	Nov. 15, 1967	4	8	60	30	Fresh	D	Stony clay 36. Water at 90.
Con XII	" 20	G. Walser	J. Sprowl	July 13, 1964	4 1/2	5	60	35	"	D	Gravel clay 18; light grey limestone 80. Water at 35, 70 and 75.
Con XII	" 21	W. Mitchell	C. Hill	May 3, 1967	4	5	80	30	"	D	Bush soil 2; white limestone 166. Water at 166.
Con XIII	" 19	W. Gilbert	"	July 6, 1965	4	6 1/2	80	25	"	D	Clay stones 52; hard grey limestone 107. Water at 107.
Con XIII	" 21	W. Martin	"	Feb. 8, 1964	4	5	80	30	"	C	Clay 20; grey limestone 120. Water at 120.
Con XIII	" 22	B. Weber	"	July 22, 1964	4	4 1/2	80	25	"	D	Gravelly clay 5; grey limestone 151. Water at 151.
Con XIII	" 22	P. Weber	J. Cudney	Dec. 13, 1966	4	5	80	14	"	D	Dry well 8; gravel large stones 15; white limestone 160; brown limestone 174. Water at 174.
Con XIV	" 6	T. Nesbitt	Graham Well Drlg.	Mar. 8, 1966	4 1/2	10	80	35	"	D, S	Clay small stones 25; fine brown sand 40; clay stones 85; hard packed sand 102; brown rock 140; light grey black rock 171. Water at 168.
Con XIV	" 10	D. Woodruff	"	Oct. 26, 1965	4 1/2	15	20	Flows	"	D, S	Old dug well 22; clay stones 80; brown stone 120. Water from 118 to 120.
Con XIV	" 10	A. McMurray	A. Earley	Oct. 8, 1965	4	10	80	2	"	D, S	Dug well 13; stones clay 40; fine sand 60; gravel 100; gravel clay 116; gravel 119. Water at 119.
Con XV	" 18	J. Whittick	Hadco Well Digging Ltd.	Aug. 11, 1966	30	3	18	12	"	S	Topsoil 1; brown clay 6; brown sand 18. Water at 12.
Con XVI	" 11	W. Lavery	Graham Well Drlg.	June 23, 1964	5	15	18	7	"	D, S	Clay stones 53; brown limestone 87; dark brown rock 127; black grey rock 148. Water at 145.
Con XVI	" 11	D. Erb	"	July 15, 1964	4 1/2	5	18	15	"	D	Topsoil 1; brown clay stones 71; brown rock 77; grey rock 85; dark grey rock 90; light brown rock 93. Water at 93.
Con XVI	" 11	D. Fischer	"	July 16, 1964	4 1/2	10	25	16	"	D	Topsoil 1; brown clay stones 15; grey clay stones 65; sand 67; coarse gravel 70. Water at 70.
Con XVI	" 11	J. White	J. Cudney	June 23, 1967	4	5	100	20	"	D	Clay 85; hard sand 96; grey limestone 200. Water at 200.
Peel Twp.											
Con A	lot 1	A. Roe	Graham Well Drlg.	Mar. 6, 1967	5	15	33	25	Fresh	D, S	Topsoil 2; brown clay stones 25; brown clay gravel 107; gravel 133. Water at 133.
Con A	" 4	V. Foley	"	Dec. 28, 1967	5	10	67	64	"	D, S	Soil 2; brown clay stones 40; brown sand 50; brown clay gravel 130; brown clay gravel sand 178; gravel 181. Water at 181.
Con B	" 1	P. Nielsen	A. Earley	May 21, 1966	4	15	50	15	"	D, S	Dug 20; clay 40; sandy clay 60; stones clay gravel 70; gravel clay 100; gravel 105. Water at 105.
Con B	" 5	A. Brandt	R. McLaughlin	Apr. 7, 1964	6 1/2	7	81	80	"	D, S	Brown clay 4; grey clay 25; blue clay stones 80; fine gravel 81; blue clay boulders 168; gravel sand 169. Water at 169.
Con I	" 1	A. Brubacher	Banes Drlg. Co.	Nov. 5, 1964					"		Grey clay 20; grey clay stones 25; coarse gravel 30; sand hardpan small stones 45. Dry hole.
Con I	" 1	"	McLaughlin Water Wells & Supply	Mar. 2, 1966	5	12	120	75	"	D, S	Topsoil 1; clay 22; hardpan 68; clay 75; hardpan clay 140; hardpan 150; brown rock 210. Water from 155 to 210.
Con I	" 4	N. Allingham	C. Keeso	Oct. 4, 1966	4	15	89	88	"	D	Topsoil 3; blue clay 150; sandy clay 210; blue shale 245; blue limestone 265. Water from 255 to 265.
Con I	" 8	E. Bowman	G. Davidson	Aug. 6, 1964	5	6	100	95	"	D, S	Blue clay 60; hardpan 211; grey rock 233. Water at 233.
Con I	" 19	Weber Chick Hatchery	C. Keeso	Oct. 29, 1966	4	16	80	74	"	D, S	Blue clay 120; sandy clay 180; gravel hardpan 200; blue shell 223; blue rock 260. Water from 250 to 260.
Con I	" 19	"	E. Martin	May 23, 1967	4	11	12	6	"	D, S	Brown clay 8; blue clay 14; quicksand 38; coarse sand 44; hardpan 53; medium fine sand 57. Water from 53 to 57.

# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Peel Twp. - cont.										
Con I	lot 20 A. Martin	Badco Well Digging Ltd.	June 14, 1965	30	2	37	27	Fresh	In	Topsoil 5; clay 30; hard blue shale 35; gravel 38; clay 40. Water from 35 to 38.
Con I	" 20 O. Martin	"	June 21, 1965	30	5	30	25	"	D	Clay 12; sand 13; clay 32; sand 35. Water from 12 to 13 and from 32 to 35.
Con I	" 22 L. Bauman	McLaughlin Water Wells & Supply G. Davidson	Oct. 4, 1966	5	10	100	60	"	D	Topsoil 2; sand 35; clay sand 80; clay sand stones 120; clay hardpan 159; brown rock 162. Water from 159 to 162.
Con II	" 6 T. Wideman	"	May 12, 1964	4	12	50	36	"	D, S	Blue clay 18; sand 56; hardpan sand streaks 128; hardpan 168; blue shale 172; brown limestone 178. Water at 178.
Con III	" 7 A. Martin	Durham Drilg. & Enterprises Ltd	June 9, 1966	4	10	62	60	"	D, S	Hardpan stones 135; clay 190; blue shale 201; brown limestone 207. Water from 202 to 207.
Con III	" 14 E. Weber	Badco Well Digging Ltd.	July 30, 1966	5 1/2	15	90	60	"	D, S	Topsoil 1; brown clay 20; blue clay stones 52; gravel 55; blue clay rocks 105; white limestone 125. Water at 107, 112 and 122.
Con III	" 18 O. Shantz	"	June 17, 1965	30						Clay 30; hard clay boulders 45; sand 46; clay boulders 52. Dry hole.
Con III	" 18 J. Martin	"	Aug. 10, 1966	30	1	20	6	Fresh	D	Topsoil 2; brown sandy clay 2; fine gravel 6; blue clay stones 20. Water at 6.
Con III	" 18 R. Gingrich	"	Sep. 22, 1966	5	20	60	44	"	D, S	Brown clay 18; blue clay 35; blue clay rocks 93; gravel 105. Water at 99.
Con IV	" 1 W. Humphries	"	Sep. 15, 1965	30			17	"		Topsoil sandy loam 1; grey sandy clay 19; grey sand 20; grey sandy clay 28; grey sand 29; grey sandy clay boulders 32. Dry hole.
Con IV	" 2 Grand River Conservation	Durham Drilg. & Enterprises Ltd.	Dec. 1, 1965	4	10	62	56	"	D	Topsoil 1; hard brown clay hardpan 120; stones brown clay 130; gravel clay 135; hard brown rock 157. Water from 148 to 157.
Con IV	" 5 J. Visscher	Badco Well Drilg. Digging Ltd.	Sep. 8, 1967	5	6	60	48	"	D, S	Brown clay stones 18; blue clay stones 95; blue clay hardpan 134; gravel 139; shale 139 1/2; shattered limestone 140. Water from 135 to 140.
Con V	" 6 W. VanderHazel	G. Davidson	Feb. 25, 1966	5	30	80	64	"	D, S	Topsoil 1; clay 15; hardpan 50; sand clay gravel stones 73; hardpan 117; brown white shales 121; brown hard limestone 129; blue brown soft limestone 140; brown medium hard limestone 155. Water at 155.
Con V	" 8 A. Clemmer	McLaughlin Water Well & Supply Ltd	Oct. 20, 1966	5 1/2	10	100	70	"	D, S	Topsoil 1; grey clay 25; clay hardpan 120; grey clay 135; grey hardpan 137; gravel 138. Water from 137 to 138.
Con VI	" 6 S. Snyder	"	May 29, 1967	5	10	115	107	"	D, S	Topsoil 2; grey clay sand 25; hardpan 130; loose hardpan 154; coarse sand 156. Water at 154.
Con VII	" 10 O. Martin	G. Davidson	Mar. 26, 1964	4	4	180	148	"	D, S	Blue clay 27; sand 60; hardpan 67; sand 90; hardpan 135; sand gravel 146; clay 234; bluish brown rock 265. Water at 265.
Con VII	" 10 H. Bauman	McLaughlin Water Wells & Supply G. Davidson	July 23, 1965	5	10	195	190	"	D, S	Clay hardpan 90; quicksand 100; hardpan 140; quicksand 180; clay hardpan 219; gravel 220. Water at 220.
Con VIII	" 1 D. Schnieders	"	Mar. 1, 1967	4	8	87	86	"	D, S	Hardpan 32; sand 48; hardpan stones 118; shale rock brown soft 128; blue brown soft rock 153. Water at 153.
Con VIII	" 4 H. Hesslink	Water Well Drilg.	Apr. 8, 1964	4	8	60	80	"	D, S	Topsoil 3; clay 40; gravel 90; hardpan boulders 105; clay gravel 140; gravel 158; crumbling limestone 175; mixed shale limestone 232. Water at 230.
Con VIII	" 6 W. Hesslink	"	Mar. 15, 1964	4	8	75	75	"	D, S	Topsoil 3; clay 15; hardpan 40; clay 70; hardpan boulders 137; brown limestone 140; blue shale 150; mixed shale limestone 229. Water at 225.

## WELLINGTON COUNTY - cont.

Peel Twp. - cont.

Con VIII	lot 7	J. Mayne	Water Well Drlg.	Feb. 25, 1964	4	15	80	80	Fresh	D, S	Topsoil 3; clay 40; hardpan 95; hardpan boulders 130; gravel 160; shale 167; blue brown limestone 220; grey limestone 250. Water at 248.
Con VIII	" 8	S. Gingrich	G. Davidson	Sep. 15, 1967	4	9	100	97	"	S	Topsoil 2; red clay 4; blue clay stones 39; sand 74; hardpan 89; stony hardpan 141; sand 142; grey loose rock 160; grey soft rock 177. Water at 177.
Con VIII	" 14	J. Mantler	"	Oct. 23, 1967	5	10	96	96	"	D, S	Red clay stones 12; blue clay stones 30; hardpan sand gravel 137; blue clay stones 147; blue hardpan clay 212; green shale 233; light brown hard limestone 260; blue hard shale 273. Water at 273.
Con VIII	" 19	R. Mitchell	G. Davidson	Feb. 15, 1967	4	6	105	95	"	D	Fill 2; clay 8; hardpan 14; sand clay gravel hardpan 137; gravel 138; hardpan 174; shale 186; brown rock 198. Water at 198.
Con IX	" 10	C. Gleason	"	Feb. 26, 1964	4	6 1/2	133	110	"	D, S	Blue clay 15; hardpan 47; sand 83; hardpan 146; sand 153; reddish brown clay 184; gravel 194. Water at 194.
Con IX	" 11	A. Diefenbacher	McLaughlin Water Wells & Supply	May 26, 1965	5	10	125	120	"	D, S	Soil 6; clay 12; hardpan 194; gravel 195. Water at 195.
Con IX	" 14	J. Mantler	G. Davidson	Dec. 28, 1965	4	10	115	112	"	D, S	Topsoil 1; blue clay 39; hardpan 82; sand 86; hardpan 215; gravel 220. Water at 220.
Con X	" 7	G. DeBoer	"	Jan. 6, 1964	4	12	116	105	"	D, S	Clay 48; sand 83; stony hardpan 135; sand 143; hardpan boulders 190; blue shale 200; blue rock 211. Water at 211.
Con XI	" 12	E. Martin	"	Dec. 6, 1965	4	5	160	155	"	S	Topsoil 1; clay hardpan sand 85; gravel 90; clay hardpan gravel 265; gravel 270. Water at 270.
Con XII	" 5	G. Duff	Durham Drlg. & Enterprises	Dec. 2, 1964	4	20	35	24	"	D, S	Topsoil 3; soft grey clay 50; sandy clay 100; quicksand 130; grey clay 160; boulders 162; gravel 164. Water at 162.
Con XII	" 11	C. Downy	Water Well Drlg.	Jan. 30, 1964	5	12	116	50	"	D, S	Clay 20; hardpan 100; boulders hardpan 270; gravel 279. Water at 279.
Con XII	" 13	O. Burkhart	McLaughlin Water Wells & Supply	Aug. 12, 1966	6 1/2	15	55	38	"	D, S	Topsoil 1; brown clay 78; loose hardpan 81; gravel 82. Water at 81.
Con XIII	" 2	J. Nymeyer	Hadco Water Well Drlg.	Aug. 27, 1964	5 1/4	40	65	25	"	D	Clay rock 60; sand 62; clay 67; cemented gravel 70; clay rock 85; cemented gravel 108; rock bed shale layers 158; broken rock 172; green rock 175. Water from 158 to 172.
Con XIII	" 11	W. Martin	Durham Drlg. & Enterprises Ltd.	Oct. 25, 1966	4	12	52	44	"	D, S	Topsoil 3; boulders hardpan 12; hardpan 85; clay 118; gravel 120. Water at 120.
Con XIII	" 16	U. Horst	"	July 1, 1965	4	8	125	105	"	D, S	Topsoil 2; boulders 20; sandy clay 200; coarse sand 250; fine yellow sand 290; coarse sand 308. Water from 269 to 308.
Con XIII	" 22	R. Grose	"	Jan. 31, 1964	4	20	30	22	"	D, S	Topsoil 4; clay boulders 40; soft clay 100; sandy clay 120; sand 140; clay 190; coarse sand 204. Water from 190 to 204.
Con XIII	" 22	R. Fenton	A. Earley	May 31, 1966	5	10	50	8	"	D	Topsoil 1; clay stones 28; stones 32; clay gravel 88; gravel 90. Water at 90.
Con XIV	" 20	E. Miller	Ladco Drlg.	Jan. 7, 1965	4	10	80	75	"	D, S	Brown clay 20; sand 40; grey clay rocks gravel layers 225; gravel 234. Water from 233 to 234.
Con XIV	" 22	A. Lankin	Hadco Well Digging Ltd.	Dec. 17, 1964	30	2	29	7	"	D	Topsoil 2; brown clay 8; brown sand 9; brown clay 26; stony sand 30. Water at 7 and 26.
Con XIV	" 22	J. Cullen	"	July 31, 1967	30				"	D	Brown clay 12; sandy blue clay 22; clay rocks 25; hardpan 30. Water at 15.
Con XIV	" 22	W. Halls	"	June 19, 1967	30	3	29	22	"	D	Fill 3; gravel 4; brown clay 17; blue clay 21; blue sand 28; blue clay 30. Water at 22.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * ( depths to which formations entered below the surface are given in feet )
WELLINGTON COUNTY - cont.										
Peel Twp. - cont.										
Con XV	lot 4 J.Radstake	Durham Drlg. & Enterprises Ltd.	Jan.21,1965	4	10	45	45	Fresh	S	Boulders 30;hardpan 110;clay 120;gravel 138. Water at 138.
Con XVI	" 3 J.Beaudin	"	Jan.20,1964	4	12	40	36	"	D,S	Open hole 40;clay sand 160;hardpan stones 194;sand gravel 199; brown shale 202. Water from 200 to 202.
Con XVI	" 12 A.Schneider	Graham Well Drlg.	July12,1967	5	10	60	40	"	D,S	Soft clay 20;hard clay stones 60;hard packed sand 120;gravel clay 124. Water from 122 to 124.
Con XVII	" 4 M.Schumacher	Durham Drlg. & Enterprises Ltd.	Jan.30,1967	4	15	50	10	"	D,S	Topsoil 1;clay 14;boulders 16;brown clay 73;brown hardpan 163;brown shale 167. Water from 165 to 167.
Con XVII	" 9 R.Street	Kerr's Well Drlg.	Sep.15,1964	4	15	45	30	"	D,S	Brown clay 72;sand clay 168;hardpan 265;limestone 269. Water from 267 to 269.
Con XVIII	" 10 J.Gainer	Durham Drlg.	Jan. 3,1964	4	15	40	25	"	D,S	Topsoil 2;clay 20;sand 30;sandy clay 60;sand 100;sandy clay 110;sand 126;coarse sand 128;gravel. Water at 127.
Con XIX	" 9 S.Ziemann	"	Dec. 2,1967	4	20	35	32	"	D,S	Topsoil 3;grey clay 60;sandy clay 100;quicksand 110;sand gravel 160;stony clay 200;sand 210;stony clay 223;fine gravel 226. Water at 210 and 223.
Pilkington Twp. Grand River East Section										
GRE Con I	" 2 L.Klopwak	C.Hill	June17,1967	4	8	75	30	"	D,S	Clay gravel mixed 60;gravel 80;grey blue limestone 200. Water at 200.
GRE Con I	" 7 Ont.Dept. of Agriculture	C.Goodberry	Feb. 9,1967	6	10	125	36	"	D	Hard brown clay pebbles 33;quicksand 35;hard brown clay pebbles 68;brown limestone 115;white limestone 130;brown limestone 167. Water at 75 and 160.
GRE Con I	" 8 Ont.Dept. of Lands&Forests	"	Apr.29,1967	6	60	48	9 1/2	"	P	Topsoil 3;hard brown clay pebbles 25;grey silt 52;hard grey clay pebbles 69;brown limestone 162. Water from 75 to 120.
GRE Con I	" 12 J.Bandall	C.Hill	Sep. 4,1967	4	10	45	24	"	D	Very stony clay gravel streaks 30;clay 80;gravel 112;hard dark grey rock 160. Water at 160.
GRE Con I	" 13 H.Wallace	Graham Well Drlg.	June24,1965	4 1/2	10	50	18	"	D	Topsoil 1;brown clay stones 25;grey clay 74;broken rock 90; brown rock 115;grey rock 155;brown rock grey rock 155;brown rock grey streaks 205. Water at 155.
GRE Con I	" 14 W.Keating	J.Cudney	Nov.19,1966	4	7	25	12	"	D	Dug well 30;stony clay 65;grey limestone 108. Water at 108.
GRE Con I	" 14	"	Dec.30,1966	4	7	40	8	"	D	Dry well 7;stony clay 78;hard brown limestone 149. Water at 140.
GRE Con I	" 15 W.Terpstra	Graham Well Drlg.	Nov.26,1966	4 1/2	8	80	28	"	D	Topsoil 1;brown clay small stones 20;grey clay small stones gravel 74;light brown rock 85;grey rock 100;medium dark brown 168;grey rock 190;dark brown rock 227. Water at 85 and 227.
GRE Con I	" 15 O.Schroefel	"	June27,1967	4 1/2	6	70	20	"	D	Topsoil 1;brown clay stones 10;grey clay stones 72;light grey rock 90;dark grey rock 110;brown rock 182. Water at 182.
GRE Con I	" 15 R.Hamilton	"	Oct.17,1967	4 1/2	8	60	25	"	D	Topsoil 1;brown clay stones 35;grey clay stones 80;brown rock 92;grey rock 125;brown rock 180. Water from 70 to 80.
GRE Con I	" 16 D.Wright	J.Cudney & Son	July25,1964	4 1/2	11	55	24	"	D,S	Sandy clay 65;brown limestone 135. Water at 135.
GRE Con I	" 17 J.Miller	Graham Well Drlg.	May 4, 1967	4	10	60	37	"	D	Topsoil 2;brown clay stones 20;brown clay gravel 92;brown rock 99;black rock 133;brown rock 147. Water at 144.
GRE Con I	" 17 H.Kerr	"	June20,1967	4	6	70	50	"	D	Topsoil 1;brown clay gravel 25;grey clay gravel 92;light brown rock 115;grey rock 142;brown rock 200. Water at 110, 155,200.

## WELLINGTON COUNTY - cont.

Pilkington Twp. - cont.  
Grand River East Section cont.

GRE Con I lot 17 P. Goods

GRE Con I " 17 F. Quinton

GRE Con I " 18 T. Myhill

GRE Con I " 18 J. Ayres

GRE Con I " 18 D. Willard

GRE Con I " 18 G. Bugden

GRE Con I " 18 F. Fitchitt

GRE Con II " 5 J. Kirdy

GRE Con II " 5 R. Hall

GRE Con II " 7 Ont. Dept. of  
Agriculture

GRE Con II " 14 E. Fischer

GRE Con II " 14 W. Mascola

GRE Con II " 14 R. Schnurr

GRE Con II " 14 R. Kreller

GRE Con II " 14 B. Langman

GRE Con II " 15 N. Runstadtler

GRE Con II " 17 M. Richards

GRE Con II " 17 J. Becking

GRE Con II " 17 R. McCartney

GRE Con III " 4 F. Dawes

GRE Con III " 4 V. Grominsky

GRE Con III " 9 F. Weadick

Graham Well Drlg. July 21, 1967

" July 6, 1967

C. Hill June 28, 1967

" July 4, 1967

Graham Well Drlg. Aug. 5, 1966

" May 30, 1967

J. Cudney Dec. 1, 1967

Advanced Farming  
Systems Ltd.

C. Hill Feb. 1, 1967

C. Goodberry Well  
Drilling Ltd. Mar. 3, 1967

J. Cudney June 8, 1966

C. Hill Mar. 6, 1967

" Oct. 24, 1967

J. Cudney Oct. 27, 1967

" Nov. 27, 1967

Graham Well Drlg. July 28, 1967

A. Earley Aug. 24, 1966

" Oct. 25, 1966

Graham Well Drlg. July 26, 1967

A. Earley Sep. 3, 1965

" Oct. 18, 1967

Graham Well Drlg. Dec. 5, 1967

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D, S

Topsoil 1; brown clay stones 25; grey clay stones 90; light brown rock 98; grey rock 110; dark brown rock 141. Water at 140.

Topsoil 1; brown clay stones 24; grey clay stones 82; light grey rock 94; light brown rock 108; dark grey rock 118. Water at 118.

Clay 40; gravel 59; hard dark grey rock 136. Water at 136.

Clay 40; gravel 63; hard grey rock 100. Water at 100.

Topsoil 1; brown clay stones 15; grey clay stones 70; broken rock 76; light brown rock 115; grey rock 147; dark brown rock 215. Water at 90 and 215.

Topsoil 1; brown clay 10; grey clay 68; dark grey rock 98. Water from 68 to 98.

Stony clay 50; sand 57; black limestone 78. Water at 75.

Clay loam 5; gravel boulders 57; clay 60; limestone 122. Water from 65 to 122.

Stony gravel 40; fine sand 67; grey limestone 160. Water at 160.

Topsoil 2; brown clay 34; quicksand 39; hard brown clay pebbles 50; grey silty sand 87; gravel 92; fine brown sand 94; brown limestone 177. Water from 100 to 177.

Stony clay 72; grey limestone 115. Water at 115.

Hard clay 84; brown limestone 125; hard flint 183. Water at 183.

Clay 40; gravel 68; dark grey limestone 104. Water at 104.

Stony clay 74; grey limestone 113. Water at 113.

Stony clay 50; hard sand 67; dark brown limestone 110. Water at 110.

Topsoil 1; brown clay stones 34; gravel sand 38; grey clay gravel 55; light grey rock 138; dark brown rock 142. Water at 140.

Sand stones 30; clay stones 50; sand 100; limestone 115; black rock 141. Water at 125 and 141.

Sand 50; clay sand 80; hard packed sand 96; blue rock 108; green rock mud 111; black rock 125. Water at 119 and 125.

Topsoil 1; fine sand stones 35; grey clay stones 92; light brown rock 105; dark grey rock 130; dark brown rock 141. Water at 141.

Stones clay 15; sand gravel clay 30; sand 60; gravel 68; brown rock clay streaks 76; dark blue rock 85; light brown rock 95; grey rock 98. Water at 84 and 97.

Clay stones 50; hard packed gravel 60; dark blue rock 85. Water at 72 and 85.

Clay stones 50; clay gravel 95; clay sand gravel 106; hard packed sand 107; brown rock 125; light brown rock 162; dark brown rock 170; brown black rock 212; dark grey rock 224. Water at 172 and from 220 to 224.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations occur below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Pikington Twp. - cont.										
Grand River East Section cont.										
GRE Con III lot 11	Kurtz Produce Ltd.	Graham Well Drlg.	Feb. 21, 1967	5	10	60	12	Fresh	D	Well pit 4; stones gravel 18; stones clay 75; broken limestone 81; brown limestone 108; dark brown stone 154. Water at 150.
GRE Con III " 16	E. Martin	C. Hill	Feb. 15, 1967	4	10	40	18	"	D	Sandy clay 25; hard clay 94; grey rock 140; hard brown rock 171. Water at 171.
GRE Con IV " 15	K. Weber	Graham Well Drlg.	Feb. 16, 1965	4 1/2	10	30	20	"	D	Clay stones 96; white limestone 105; dark brown rock 142; dark brown rock 150. Water at 144.
GRE Con IV " 17	J. Collett	Lone Star Well Digging	Aug. 6, 1967	30	5	40	30	"	D	Brown clay 5; blue clay 50; sand 54. Water at 40.
GRE Con IV " 18	R. Lehman	A. Earley	Apr. 3, 1965	4	12	25	13	"	D	Topsoil 1; clay 69; brown limestone 100. Water at 80 and 100.
GRE Con IV " 18	N. Lauber	F. Straus	Aug. 22, 1966	5	12	41	30	"	D,S	Boulder clay 25; hardpan 61; clay 85; hardpan 90; blue rock 160. Water from 145 to 160.
GRE Con IV " 18	D. Jacobson	McLaughlin Water Wells Supply Ltd.	Mar. 30, 1967	7	15	43	27	"	D	Topsoil 1; sandy soil 10; gravel 15; hardpan 64; limestone 87. Water from 83 to 87.
GRE Con IV " 18	C. Entwistle	A. Earley	Dec. 7, 1967	4	15	20	Flows	"	D	Clay 6; clay stones 22; sandy clay 35; grey clay 50; sand 65; limestone 80; blue rock 87. Water at 80 and 87.
GRE Con V " 12	W. Hall	Durham Drlg.	Apr. 9, 1964	4	15	22	20	"	D,S	Open hole 5; clay 20; sand 25; sandy clay 78; sand 80; clay 82; sand 88; fine sand 93; coarse gravel 94. Water from 78 to 80 and from 93 to 94.
GRE Con V " 16	G. Lehman	A. Earley	Nov. 28, 1966	4	12	80	39	"	D	Gravel clay 10; clay 50; sandy clay 90; gravel hard packed 100; brown soft rock 106; grey rock 136. Water at 121 and 136.
GRE Con V " 17	J. Schaefer	Graham Well Drlg.	Mar. 30, 1967	4 1/2	8	80	16	"	D	Gravel fill 2; soil 10; brown clay stones 65; grey clay stones 95; gravel stones cemented 110; light brown rock 136; brown rock 148. Water at 115 and 148.
Grand River West Section										
GRW Con A lot 2	K. Fritchard	J. Cudney	June 15, 1965	4 1/2	4 1/2	95	35	Fresh	D	Stony hardpan 69; grey limestone 200. Water at 200.
GRW Con A " 4	Grand Valley Cons. Authority	Graham Well Drlg.	June 12, 1964	6 1/2	60	Flows	Flows	"	P	Light brownstone 90; light grey limestone 187; white limestone 290; dark grey limestone 320; dark brown limestone 330; grey limestone 340. Water from 332 to 340.
GRW Con B " 11	E. Friedman	Graham Well Drlg.	May 14, 1964	5	10	110	90	"	D,S	Clay loam 4; fine brown sand 7; soft clay gravel 110; stone hardpan 128; blue rock 132; dark grey rock 168. Water at 165.
GRW Con I " 15	Centre Wellington Concrete	"	June 2, 1967	5	20	60	18	"	C	Fill gravel pit 3; fine brown sand 7; clay small stones 43; brown rock 70; light brown rock 180; dark brown rock 255; light brown rock 268. Water from 200 to 264.
GRW Con V " 2	J. Hornsby	G. Davidson	Feb. 9, 1965	4	10	72	52	"	D,S	Clay 5; hardpan 22; sand 43; hardpan 53; sand 63; hardpan 140; gravel 141; hardpan 159; gravel 160. Water at 160.
GRW Con V " 3	E. Martin	"	Apr. 20, 1964	8		Flows	Flows	"	S	Red clay 8; sand gravel 55; hardpan gravel 75; sand gravel 147; green shale 157; loose white rock 175; shales 194; loose rock 201; dark brown rock 248. Water at 75 and 248.
GRW Con V " 4	M. Shantz	"	July 2, 1965	4				"	S	Clay 41; sand gravel 95. Water at 95.
GRW Con VI " 13	E. Stelling	Durham Drlg. Enterprises Ltd.	Nov. 19, 1966	4	12	40	12	"	D,S	Topsoil 1; hardpan boulders 44; brown hardpan 82; brown shale 128. Water from 120 to 128.
GRW Con VI " 18	M. McLeod	Graham Well Drlg.	Dec. 29, 1964	5	10	40	27	Sulphur	D,S	Old dug well 20; fine brown sand 24; clay gravel 108; hard packed sand 114; stony hardpan 129; blue broken stone 136; grey black stone 166. Water at 164.
Puslinch Twp.										
Con I lot 2	C. Seifert	Graham Well Drlg.	Oct. 20, 1964	5	30	20	5	Fresh	D	Old dug well 8; fine loose sand 35; hard packed grey sand 85; heavy grey gravel 95. Water at 95.
Con I " 2	C. Schneider	F. Ince	Nov. 28, 1966	6 1/2	20	60	3	"	D	Brown clay 10; brown sandy clay 80; fine gravel 82. Water at 82.
Con I " 2	T. Howe	"	Dec. 1, 1966	6 1/2	20	80	15	"	D	Brown clay 4; blue sandy clay 95; gravel 105. Water at 105.
Con I " 2	G. Davison	Graham Well Drlg.	Feb. 20, 1967	4	10	35	30	"	D	Topsoil 2; sandy gravel 45; sandy clay 80; gravel clay 98; sand 115; gravel 120. Water at 120.



WELLINGTON COUNTY - cont.

Puslinch Twp. - cont.

Con I	lot 2	R.Barber & A.Newlands	Graham Well Drlg.	Aug. 9,1966	4	10	28	20	Fresh	D	Topsoil 2;brown clay stones 12;brown sand gravel 35;dark brown sand 63;light brown sand gravel 92. Water at 94.
Con I	" 3	R.Willer	Banes Drlg. Co.	Mar.25,1964	30	10	10	7½	"	D	Topsoil 2;pit run 7;coarse brown sand 15. Water at 7.
Con I	" 3	L.Hahn	Kerr's Well Drlg.	Apr. 5,1966	5	20	19	7	"	D	Stony clay 10;sandy clay 18;hard blue clay 38. Water at 27.
Con I	" 3	L.McLogen	G.Wallis	Dec. 9,1966	6½	25	18	7	"	D	Gravelly brown clay stones 11;sand gravelly brown clay 24; gravelly grey clay 39;fine gravel 40. Water at 39.
Con I	" 4	H.Winkles	"	Sep.19,1967	6½	20	20	8	"	D	Brown sand gravelly clay 16;sand gravelly clay 24;sand fine gravel 34. Water from 24 to 34.
Con I	" 5	F.Richardson	McLaughlin Water Wells & Supply	Sep.15,1964	7	18	15	13	"	D	Dug well 15;clay 45;hardpan 98;grey rock 108. Water at 108.
Con I	" 5	W.Mertz,Mertz Plumbing	Hadco Well Dig- ging	Sep.17,1965	36	15	10	10	"	D	Cobblestone caving gravel 9;gravel 12. Water at 9.
Con I	" 6	A.MacMillan	W.Packham	Oct.14,1967	6½	30	40	22	"	D	Clay stones 40;brown sand 75;grey sand gravel 78;coarse gravel 81. Water at 81.
Con I	" 7	J.Buczynski	"	June27,1966	6½	30	55	50	"	D	Stony clay 35;sand gravel clay 90;sand 105;hardpan 115;coarse gravel sand 122. Water at 120.
Con I	" 9	L.Evans	"	Oct. 1,1966	6½	20	50	40	"	D	Sandy clay stones 35;clay gravel 95;muddy sand 105;sand gravel 110. Water at 110.
Con I	" 23	R.McMillan	"	Jan.15,1964	6½	20	25	11	"	S	Dug well 12;sand gravel clay 54;limestone 75. Water at 72.
Con II	" 5	B.Goodburn	Graham Well Drlg.	Jan.29,1964	5	12	15	6	"	D	Topsoil gravel 3;grey clay sand 18;brown sand 63;pea-stone gravel 66. Water at 66.
Con II	" 5	M.Eggert	"	Jan.30,1964	5	12	15	5	"	D	Topsoil 2;brown clay sand 18;brown sand 68;light brown rock 70. Water at 70.
Con II	" 5	G.Wakefield	S.Gill	Aug.28,1964	6½	3	65	5	"	D	Topsoil 8;sand stones 10;fine sand 55;sand gravel 70;gravel 72. Water at 72.
Con II	" 5	O.Hoermann	Graham Well Drlg.	Mar. 4,1966	6½	10	7	2	"	D	Land fill 2;coarse gravel 7;fine brown sand 18;blue clay 33; fine grey sand 39;clay fine sand 41. Water from 34 to 38.
Con II	" 7	A.Gamble	A.Earley	May 19,1965	5	10	15	9	"	D	Stones clay 5;stones clay gravel 38;gravel 40. Water at 40.
Con II	" 8	Ont.Dept. of Highways	N.Paulkner	Feb.24,1964	8	30	70	25	"	C	Topsoil 1;brown clay boulders 30;coarse brown sandy gravel stones 95;grey clay boulders 105. Water from 63 to 95.
Con II	" 9	"	"	Feb.20,1964	8	25	85	30	"	C	Brown clay boulders 35;coarse brown sand gravel 93. Water from 65 to 93.
Con II	" 10	Ont.Dept. of Lands&Forests	C.Shantz	June 8,1966	5	12	68	42	"	P	Topsoil 2;boulders dirty gravel 22;silty sandy clay gravel 65; clay gravel 106;cemented gravel 111;chalky coloured rock 134. Water from 126 to 135.
Con II	" 11	G.McClean	G.Wallis	Mar. 1,1966	6½	20	60	39	"	D	Gravelly brown clay stones 24;brown sand fine gravel 68;sand gravel grey silt 98½;fine gravel 99½. Water at 98½.
Con II	" 14	W.Job	Graham Well Drlg.	Sep. 1,1966	4	10	35	32	"	D	Brown clay stones 25;brown sand gravel 98;brown sand stones 102;brown sand 115;light brown rock 150. Water at 146.
Con II	" 16	J.Allardyce	A.Earley	Dec. 7,1966	4	10	55	38	"	D,S	Topsoil 1;stones clay 30;clay 60;gravel clay 72;gravel 80½. Water at 80.
Con II	" 24	K.Martin	W.Packham	Jan.24,1964	6½	20	40	20	"	D,S	Stones gravel 40;sand clay 59;limestone 75. Water at 72.
Con II	" 25	T.Lesor	Graham Well Drlg.	May 28,1965	5	20	15	2	"	P	Gravel stones 20;fine sand clay 52;brown stone 88;dark brown stone 91. Water at 90.
Con III	" 1	J.&J. Kruger	S.Gill	Aug.28,1967	6½	8	100	2	"	S	Sandy clay 25;rock 113. Water at 110.
Con III	" 2	L.Wright	G.Wallis	Nov. 8,1967	6½	20	90	42	"	D	Brown sand 12;sandy brown clay 45;gravelly grey clay 78;white limestone 122. Water at 120.
Con III	" 8	A.Boreham	W.Packham	May 14,1967	6½	20	37	33	"	D	Stones gravel 35;sandy clay small stones 85;sand gravel 90; silty sand 92;rock 96. Water at 94.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Fuslinch Twp. - cont.										
Con III lot 11	C.Wigool	W.Packham	Sep.16,1965	6 1/2	20	42	40	Fresh	D,S	Sandy clay gravel 45;silty clay gravel 90;boulders stones clay gravel 120;bedrock 132. Water at 125.
Con III " 13	D.McDonald	"	June24,1965	6 1/2	15	90	19	"	D	Gravel clay 20;clay fine gravel sand 60;hardpan 95;rock 110. Water at 107.
Con III " 15	J.Evans	A.Earley	Jan.15,1965	4	10	25	15	"	D	Dug 12;stones clay 17;fine sand 94;pea gravel 96. Water at 96.
Con III " 18	T.Aikens	W.Packham	Dec.13,1966	6 1/2	20	60	55	"	D	Pit 3;sandy clay gravel stones 25;sandy clay fine gravel 100; sand 108;sand gravel 110. Water at 110.
Con III " 24	H.Purguson	"	Dec. 6,1965	6 1/2	30	21	21	"	D	Pit basement 4;sandy clay gravel 58;bedrock 63. Water at 60.
Con IV " 3	Simkins	C.Hill	Mar.28,1964	4	10	45	25	"	D	Sandy clay 30;gravel sand 48;grey limestone 126. Water at 126.
Con IV " 13	S.Hutchison	Graham Well Drlg.	July 4,1967	4	10	60	40	"	D	Clay stones 20;fine brown sand 30;clay gravel 110;fine grey sand 121;grey rock 131;brown rock 168;dark brown rock 180; brown black rock 186. Water from 180 to 185.
Con IV " 14	J.Becker	W.Packham	June28,1967	6 1/2	25	30	18	"	D	Coarse gravel 15;clay gravel 25;soft clay sand gravel 99; limestone 112. Water at 109.
Con IV " 15	J.Hewer	"	July29,1964	6 1/2	14	100	16	"	D,S	Gravel clay 25;sand clay gravel 80;bedrock 130. Water at 125.
Con V " 6	D.Lisso	C.Hill	July15,1966	4	10	65	32	"	D	Clay sand mixed 40;light grey rock 100. Water at 100.
Con V " 6	R.Randell	"	Dec. 7,1966	4	10	60	28	"	D	Hard gravel stones 18;grey limestone 105. Water at 103.
Con V " 12	Langdon Estate Farms	Graham Well Drlg.	Oct.27,1966	5	15	24	15	"	D,S	Brown clay stones 10;brown clay gravel 32;brown clay stones 37;light brown rock 75;dark brown rock 105. Water at 98.
Con V " 12	C.Brook	A.Earley	Oct.28,1967	4	10	50	25	"	D	Sand clay stones 30;red sand 35;fine sand 110;light brown rock 125. Water at 115 and 125.
Con V " 15	S.Snyder	Graham Well Drlg.	Dec.23,1965	5	15	100	65	"	D	Clay gravel stones 65;sandy hardpan 85;fine brown sand 90; broken rock 95;brown rock 170;dark rock 210;dark grey rock 215 Water at 110.
Con V " 18	F.Johnston	A.Earley	Apr.27,1964	4 1/2	8	25	9	"	D,S	Dug 14;gravel 16;sandy clay 60;light brown rock 89. Water at 89.
Con V " 18	A.McWilliams	"	Dec.24,1964	4	9	50	12	"	D	Dug 14;fine sand 60;gravel 72;brown rock 84;blue rock 90;black rock 94. Water from 87 to 92.
Con VI " 15	W.Boos	"	June 2,1967	4	10	70	60	"	D	Stones clay 21;sandy clay 50;sand 74;limestone broken rock 95. Water at 95.
Con VII " 2	T.Steffler	Graham Well Drlg.	Nov.25,1964	4	8	80	60	"	D,S	Dug well 24;light brown clay gravel 48;light brown stones 53; dark brown clay 64;light brown rock 83;dark brown rock 110. Water at 103.
Con VII " 2	A.Moody	C.Hill	Jan.10,1964	4	6	80	18	"	D	Gravel sand 52;brown limestone 99. Water at 99.
Con VII " 6	Corp.City of Guelph	Graham Well Drlg.	Jan. 5,1967	12	1000	31	5	"	P	Brown clay gravel stones 10;grey clay gravel fine sand 39; light brown rock 52;dark brown rock 75;black rock 94;dark grey rock 99;dark grey broken rock 102;dark grey solid rock 160; dark brown grey rock 169;dark grey rock 216;grey rock 256;blue shale. Water at 46, 52,75, from 99 to 102, 112 to 118; at 158 and from 180 to 181 and 199 to 210.
Con VII " 7	City of Guelph	"	Nov. 3,1966	12	103	192	5	Fresh	P	Stones gravel 20;gravel 23;fine clay sand stones 43;light brown broken rock 45;light brown rock 99;dark brown rock 135; dark grey rock 175;light grey rock 235;grey blue rock 270;blue shale 271. Water from 200 to 271.

## WELLINGTON COUNTY - cont.

Fuslinch Twp. - cont.												
Con VII	lot 7	D.Close	A.Earley	Mar.19,1964	5	10	15	3	Fresh	D	Fill 3;clay stones 15;sand clay 37;coarse gravel 39. Water at 39.	
Con VII	" 8	T.Martini	"	Oct.22,1967	4	15	15	10	"	D	Stones gravel 28;brown limestone 61. Water at 52 and 61.	
Con VII	" 8	J.Ferraro	C.Hill	Jan. 6,1964	4	12	20	10	"	D	Tough gravel 36;brown limestone 85. Water at 85.	
Con VII	" 8	R.VanDyk	"	Jan.25,1964	4	10	25	10	"	D	Gravel sand 38;grey limestone 92. Water at 92.	
Con VII	" 8	N.Ciceri	"	Jan.30,1964	4	6	35	5	"	D	Gravel 40;grey limestone 95. Water at 95.	
Con VII	" 8	H.Norton	"	Feb.21,1964	4	10	25	11	"	D	Stony gravel 40;brown limestone 93. Water at 93.	
Con VII	" 8	T.Farrell	A.Earley	May 11,1965	4	20	19	8	"	D	Stones gravel 15;sand clay 35;light brown limestone 75. Water at 52 and 75.	
Con VII	" 8	A.Baldosso	C.Hill	June14,1965	4	10	40	11	"	D	Stony gravel 40;brown limestone 94. Water at 94.	
Con VII	" 8	K.V.M.Constr.	"	July13,1967	4	15	40	8	"	D	Stony gravel 34;grey limestone 85. Water at 85.	
Con VII	" 8	G.Brundrett	"	Aug.22,1964	4	19	35	11	"	D	Previously dug well 9;clay 32;brown limestone 84. Water at 84.	
Con VII	" 10	W.Yates	A.Earley	Sep.28,1964	4	8	80	25	"	D	Stones gravel 20;sandy clay 50;gravel 55;sand 87;brown limestone 117. Water at 95 and 117.	
Con VII	" 12	J.Duncan	Graham Well Drlg.	Sep. 1,1967	5	10	80	67	"	D	Brown clay stone 7;brown clay gravel 60;brown clay sand 65; dark brown clay gravel 105;light brown clay gravel 146; light brown clay gravel 146;light brown rock 160;dark brown clay rock 210;light grey rock 225. Water at 200.	
Con VII	" 13	V.Campagnaro	A.Earley	May 10,1965	4	12	60	50	"	D	Clay 15;stony clay 99;cemented gravel 102. Water from 99 to 102.	
Con VII	" 14	W.Milburn	"	Sep. 1,1967	5	12	56	50	"	D	Stones clay gravel 40;sand 45;gravel 51;sand 60;stones gravel 67. Water at 67.	
Con VII	" 16	S.Walker	Graham Well Drlg.	Apr. 9,1964	4 $\frac{1}{2}$	7	98	55	"	D,S	Dug well 40;dark brown gravel 63;light brown gravel 84;gravel stones 93;light brown gravel stones 116;brown rock 152. Water at 152.	
Con VII	" 16	B.Ruczynski	"	Aug.28,1964	4	10	100	65	"	D	Topsoil 1;brown clay gravel 43;gravel big stones 101;grey clay gravel 119;dark brown rock 132;light brown rock 151. Water at 145.	
Con VII	" 17	Camp Site of People's Church	W.Packham	May 11,1966	6 $\frac{1}{4}$	20	60	41	"	P	Stony clay gravel 88;shale 90. Water at 89.	
Con VII	" 19	G.Baukham	"	Aug.24,1967	6 $\frac{1}{4}$	25	45	29	"	D	Dry muddy sand 15;stones gravel 20;clay gravel 65;sand gravel 71;rock 72. Water at 71.	
Con VII	" 20	J.Coburn	"	Nov. 3,1966	6 $\frac{1}{4}$	20	45	21	"	D,S	Sandy clay stones gravel 30;hardpan 54;limestone 65. Water at 62.	
Con VII	" 20	R.Stewart	"	Jan.22,1964	6 $\frac{1}{4}$	25	60	53	"	D	Stony clay 35;sandy clay 85;gravel 90;limestone 93. Water at 90.	
Con VII	" 21	J.Riley	"	July20,1967	6 $\frac{1}{4}$	20	40	14	"	D	Gravel sand 8;sandy clay 35;hardpan 49;rock 60. Water at 57.	
Con VII	" 23	J.Tully	"	Aug.25,1965	6 $\frac{1}{4}$	10	25	2	"	D	Clay small stones gravel 25;white limestone 42. Water at 25.	
Con VII	" 24	Aberfoyle Sand & Gravel	Hadoo Well Digging Ltd.	July 1,1964	30	8	25	18	"	D	Topsoil 2;sand gravel 25. Water at 18.	
Con VII	" 26	R.Winkel	W.Packham	Mar. 5,1964	6 $\frac{1}{4}$	30	30	24	"	D	Dug well 24;sandy clay gravel 70;gravel 72. Water at 72.	
Con VII	" 26	J.Liscumb	"	Oct.19,1966	6 $\frac{1}{4}$	20	60	40	"	D	Soft sandy clay stones 30;hard clay gravel 60;sand 65;sand gravel 68. Water at 68.	
Con VII	" 26	Laidlaw Transport	Graham Well Drlg.	Aug.16,1966	5	50	80	42	"	D	Topsoil 1;brown clay stones 35;brown clay gravel 50;grey clay 75;dark brown rock 100. Water at 85.	
Con VII	" 30	K.Crow	W.Packham	Sep.11,1965	6 $\frac{1}{4}$	30	30	24	"	D	Basement 4;clay gravel 60;silty clay sand gravel 83;bedrock 85. Water at 84.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Puslinch Twp. - cont.										
Con VII lot 30	D.Redwood	W.Packham	July 18, 1966	6 1/4	20	80	70	Fresh	D	Sandy clay 35; sand gravel clay 110; limestone 119. Water at 116.
Con VII " 31	E.&W. Smith	A.Earley	Mar. 10, 1965	4	10	90	80	"	D	Stones clay gravel 10; stones clay 15; gravel clay 100; gravel fine sand 102; brown clay 110; blue clay 113; sand 120; coarse gravel 125. Water at 100 and 125.
Con VII " 31	F.Metcalf	W.Packham	Nov. 8, 1967	5 1/4	25	95	90	"	D	Stone gravel clay 40; gravel clay 90; sand clay 120; gravel 123; bedrock 132. Water at 123 and 130.
Con VII " 32	R.McDonald	"	June 23, 1964	6 1/2	20	40	30	"	D	Sandy loam gravel 30; gravel 60; sandy clay 88; rock 90. Water at 88.
Con VII " 32	J.Clare	"	Sep. 9, 1966	6 1/2	20	45	35	"	D,S	Dug well 45; muddy sand 88; hardpan hard clay coarse gravel 96; bedrock 100. Water at 98.
Con VII " 35	J.Mast	"	Jan. 9, 1964	6 1/2	10	50	16	"	D	Dug well 19; sand gravel clay 43; limestone 73. Water at 70.
Con VII " 35	H.Sutton	"	Jan. 13, 1964	6 1/2	20	40	38	"	D,S	Dug well 30; sand gravel clay 36; limestone 95. Water at 94.
Con VIII " 5	L.Illsley	J.Cudney & Son	Mar. 23, 1964	4 1/2	11	50	32	"	D	Sandy clay 17; hard clay 62; grey limestone 119. Water at 119.
Con VIII " 5	B.Lemon	C.Hill	May 22, 1965	4	3 1/2	80	35	"	D	Clay stones 40; hard gravel stones 69; brown limestone 128. Water at 128.
Con VIII " 5	T.Martin	"	Aug. 27, 1965	4	4	85	40	"	D	Clay 67; brown limestone 144. Water at 144.
Con VIII " 5	D.Johnson	"	Aug. 8, 1964	4	4	85	35	"	D	Gravelly clay boulders 30; clay 66; light brown limestone 134. Water at 134.
Con VIII " 5	D.DeCorso	Graham Well Drlg.	Oct. 7, 1966	5	15	70	32	"	D,S	Dug well 36; brown clay gravel 57; dark brown rock 98; dark black rock 135; dark grey rock 150. Water at 145.
Con VIII " 6	M.Staples	"	Nov. 3, 1965	4 1/4	8	75	45	"	D,S	Topsoil 1; brown clay stones 35; grey clay stones 75; sand 80; grey clay 90; light brown rock 115; dark brown rock 120. Water at 120.
Con VIII " 6	A.Turris	"	May 14, 1965	4 1/2	12	70	47	"	D	Topsoil 1; brown clay stones 35; grey clay gravel 105; dark brown rock 115; black rock 136. Water at 136.
Con VIII " 7	Kennelly Const.	"	Dec. 6, 1965	4 1/2	6	80	45	"	D	Topsoil 1; brown clay stones 35; grey clay stones 45; fine sand 50; grey clay 85; coarse sand gravel 95; dark brown rock 130; grey rock 140. Water at 140.
Con VIII " 7	G.Berry	A.Earley	June 11, 1964	4 1/2	15	10	8	"	D	Sand stones 10; sand 25; blue clay 57; light brown limestone 70. Water at 70.
Con VIII " 7	W.Scott	"	July 21, 1964	4 1/2	20	15	6	"	D	Sand stones 20; clay stones 39; gravel 44; light brown limestone 65. Water at 65.
Con VIII " 7	Cerniuk Constr.	Graham Well Drlg.	Nov. 25, 1965	4 1/2	20	25	10	"	D	Topsoil 1; grey clay gravel 35; coarse sand 50; brown clay sand 55; light brown rock 80. Water at 80.
Con VIII " 7	D.Borin	C.Hill	Feb. 26, 1964	4	10	35	12	"	D	Stony gravel 36; brown limestone 94. Water at 94.
Con VIII " 7	Brook Road Christian Church	Graham Well Drlg.	July 6, 1964	4 1/2	8	70	55	"	P	Topsoil 1; brown clay stones 60; sand 65; grey clay 101; brown rock 115; dark brown rock 134. Water from 130 to 134.
Con VIII " 7	F.Sommer	A.Earley	Sep. 12, 1964	4 1/2	10	75	40	"	D	Stones clay 35; sandy clay 42; hard packed gravel 64; sandy clay 94; gravel clay 102; brown rock 120; blue rock 130. Water at 120 and 130.
Con VIII " 7	Kennelly Const.	"	Dec. 3, 1964	4	10	20	12	"	D	Stones clay 15; gravelly clay 40; light brown rock 60. Water at 60.
Con VIII " 7	W.Robertson	"	Dec. 8, 1964	4	10	25	13	"	D	Clay stones 15; stones gravel clay 49; light brown rock 72. Water at 54 and 72.
Con VIII " 7	G.Bogie	"	Feb. 3, 1965	4	12	30	12	"	D	Stones clay 10; sand 50; gravel 55; cemented gravel 60. Water at 60.
Con VIII " 13	Kero Constr.	C.Hill	Feb. 16, 1965	4	10	60	8	"	D	Very rough gravel 46; brown limestone 78. Water at 78.

## WELLINGTON COUNTY - cont.

Fuslinch Twp. - cont.

Con VIII	lot	7	Kennelly Const.	Graham Well Drlg.	June 19, 1965	4 1/2	10	60	25	Fresh	D	Brown clay stones 25; grey clay gravel 94; sand gravel 97; dark brown rock 108. Water at 108.
Con VIII	"	7	"	"	June 16, 1965	4 1/2	10	59	24	"	D	Topsoil 1; brown clay stones 35; grey clay stones 93; dark brown rock 102; black rock 105. Water at 105.
Con VIII	"	7	Kero Constr.	C.Hill	July 24, 1965	4	12	45	7	"	D	Stony gravel 43; brown limestone 72. Water at 72.
Con VIII	"	7	Crewgal	A.Earley	Aug. 2, 1965	4	10	15	6	"	D	Stones gravel clay 42; light brown limestone 52; dark brown rock 73; black rock 75. Water at 52, 73 and 75.
Con VIII	"	7	Properties	"	Aug. 7, 1965	4	15	12	5	"	D	Stones clay gravel 50; light brown rock 78. Water at 60 and 78
Con VIII	"	7	Avro Constr.	C.Hill	Nov. 24, 1965	4	10	30	8	"	D	Gravel 30; fine sand 50; clay 55; fine sand 61; brown limestone 84. Water at 84.
Con VIII	"	8	J. Russell	"	Mar. 4, 1964	4	4	80	21	"	D, S	Gravel 49; brown limestone 101. Water at 101.
Con VIII	"	15	E.Cornish	A.Earley	Mar. 7, 1967	4	10	60	54	"	D	Clay sand stones 25; clay gravel 45; sand clay 58; clay gravel 67; fine sand 80; fine sandy clay 90; soft clay 111; fine sand 136; gravel sand 138. Water at 138.
Con VIII	"	15	Woodlyn Farms	W.Packham	Aug. 25, 1965	6 1/2	10	90	65	"	S	Stony clay 106; limestone 185. Water at 180.
Con VIII	"	15	Valeriotte	"	Aug. 15, 1967	6 1/2	25	40	38	"	C	Sand gravel clay 40; muddy sand 85; medium gravel clay 100; shale 103. Water at 101.
Con VIII	"	20	Electronics Veterans Club	Graham Well Drlg.	Apr. 25, 1967	4	10		Flows	"	F	Brown clay stones 10; brown clay gravel 44; dark brown rock 60. Water at 48.
Con VIII	"	23	W.Leachman	W.Packham	Nov. 2, 1966	6 1/2	30	30	24	"	D	Clay loam topsoil small stones 5; sand gravel sandy clay 34; gravel 37. Water at 37.
Con VIII	"	23	D.Wettlaufel	"	Apr. 1, 1967	6 1/2	20	27	23	"	D	Sandy clay gravel stones 55; gravel 60. Water at 55.
Con VIII	"	23	B.McLeod	"	Sep. 2, 1967	6 1/2	10	150	42	"	D	Gravel clay 15; fine gravel sand clay 80; silty clay 100; limestone 160. Water at 110 and 140.
Con VIII	"	27	R.Riddell	"	July 4, 1967	6 1/2	25	25	6	"	D	Sandy clay small stone 15; grey sandy clay sand gravel 55; rock 64. Water at 60.
Con VIII	"	28	J.McPhee	Graham Well Drlg.	June 21, 1967	5	15	20	12	"	D	Fill 3; fine brown sand 27; soft sticky clay 40; clay gravel 75; grey rock 85; brown rock 108; black brown stones 112. Water at 110.
Con VIII	"	30	E.Blocklock	W.Packham	Nov. 10, 1964	6 1/2	20	50	40	"	D	Pit 6; loam clay stones 30; clay fine gravel 80; bedrock 90. Water at 87.
Con VIII	"	30	B.Feldmeier	"	Nov. 3, 1966	6 1/2	30	60	18	"	D	Stones sandy clay 30; sandy clay 75; sand gravel 78; gravel 81. Water at 81.
Con VIII	"	31	J.Kitchen	"	Dec. 28, 1966	6 1/2	20	40	35	"	D	Pit 4; clay stones 12; clay 85; clay gravel 93; rock 105. Water at 102.
Con VIII	"	31	F.Mast	"	Mar. 9, 1964	6 1/2	20	70	55	"	D	Gravel sandy clay loam 20; sandy clay 60; sand gravel 85; gravel 87. Water at 87.
Con VIII	"	32	H.Winer	"	June 4, 1965	6 1/2	30	40	30	"	D	Stony clay 35; muddy sand 66; rock 75. Water at 70.
Con VIII	"	34	R.Penrice	"	June 2, 1965	6 1/2	20	45	26	"	D	Clay gravel boulders 54; limestone 65. Water at 62.
Con VIII	"	37	J.Smith	J.Anderson	Aug. 15, 1964	6 1/2	13	21	20	"	D, S	Dug well 22; limestone 37. Water at 37.
Con IX	"	1	T.Oskam	Graham Well Drlg.	Dec. 14, 1965	5	10	15	7	"	D	Dug well 5; brown large stones 15; light brown rock 43; dark brown rock 48. Water at 48.
Con IX	"	1	L.Livingstone	A.Earley	Oct. 21, 1965	4	10	20	7	"	D	Stones clay 12; dark brown rock 40. Water at 32 and 40.
Con IX	"	1	C.Schenk	Graham Well Drlg.	June 5, 1964	5	15	20	5	"	D	Gravel boulders 14; brown limestone 26; black rock 39. Water at 35.
Con IX	"	1	C.Ziegler	A.Earley	Oct. 7, 1967	4	8	15	12	"	D	Boulders gravel clay 23; gravel 48. Water at 48.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLESLEY COUNTY - cont.										
Puslinch Twp. - cont.										
Con IX lot 4	B.Kaczmarczyk	C.Hill	Nov.30,1966	4	5	90	25	Fresh	D	Clay 74;hard brown rock 140. Water at 140.
Con IX " 5	E.Galloway	A.Earley	May 28,1964	4 1/2	12	45	42	"	D	Clay stones 15;clay 49;light brown limestone 80;dark brown rock 100;grey shale 110;black rock 129;blue rock 167. Water at 60 and 167.
Con IX " 6	N.Boreham	C.Hill	Apr.15,1964	4	3 1/2	80	25	"	D	Sandy clay 15;gravelly clay 50;grey limestone 105;hard flint rock 145. Water at 145.
Con IX " 6	C.Golding	Graham Well Drlg.	June11,1964	4 1/2	8	60	30	"	D	Previously drilled 73;black rock 120;grey limestone 130. Water at 120.
Con IX " 6	R.Truscott	"	Nov.10,1965	5	40	60	29	"	D	Topsoil 1;stones gravel 18;coarse sand 24;gravel grey clay 31;light brown rock 50;dark brown rock 75;black rock 98;grey rock 130. Water at 50,128 and 130.
Con IX " 7	Knight Lumber Co.	C. Hill	Jan.16,1964	4	5	80	40	"	D,S	Clay streaks gravel 53;grey limestone 105;hard brown rock 129. Water at 129.
Con IX " 7	J.Peikema	A.Earley	Jan. 9,1965	4	15	60	26	"	D	Dug well 20;clay gravel 50;light brown limestone 80. Water at 80.
Con IX " 7	R.Tolton	C.Hill	Apr.20,1964	4	10	20	12	"	D	Gravel 32;brown limestone 90. Water at 90.
Con IX " 17	J.Summers	W.Packham	Apr.10,1964	6 1/2	20	75	65	"	D,S	Dug well 12;clay gravel 100;sand gravel 110;gravel stone 112. Water at 112.
Con IX " 18	D.Daeley	A.Earley	June16,1967	4	15	50	24	"	D	Stones clay 25;sandy clay 33;clay 50;fine sand 75;black rock 80. Water at 80.
Con IX " 24	S.Michale	Graham Well Drlg.	Oct.18,1966	4 1/2	30	50	4 1/2	"	D	Topsoil 1;brown clay stones 15;grey clay gravel 55;light brown rock 63. Water at 63.
Con X " 5	Guelph Waterworks	International Water Supply	May 13,1966	8	500	29	14	"	T	Topsoil boulders 1;gravel clay boulders 6;dirty gravel boulder 13;coarse fine gravel boulders 31;hard packed gravel clay boulders 34;gravel sand boulders 35;hard packed gravel 36; coarse gravel sand boulders 44;red clay gravel 66;limestone. Water at 13.
Con X " 5	"	"	May 20,1966	2	300	24	9	"	T	Gravel clay boulders 17;dirty coarse gravel boulders sand 31; cemented gravel 38;gravel sand cemented streaks 41;grey clay gravel hard packed 56;limestone.
Con X " 5	"	"	May 24,1966	12				"	T	Fine sand 3;boulders clay gravel 22;dirty coarse gravel sand 25;cemented gravel 42;red clay gravel 52;bedrock.
Con X " 7	G.Townsend	C.Hill	July 4,1964	5	4 1/2	130	40	"	D	Clay 45;hard gravel 53;limestone 130;black rock 140. Water at 140.
Con X " 7	"	"	Mar.20,1965	4	4	120	30	"	D	Clay 46;brown limestone 100;hard dark brown rock 125.Water 25.
Con X " 10	H.Biffis	"	Nov.21,1966	4	7	85	60	"	D	Clay very stony 92;brown rock 130. Water at 130.
Con X " 10	K.Young	A.Earley	Oct.28,1964	4	10	85	80	"	D	Stone clay 25;gravel clay 85;fine sand 91;light brown limestone 125. Water at 95 and 125.
Con X " 10	E.Riley	Graham Well Drlg.	Sep. 4,1964	5	25	25	8	"	D	Brown clay stones 32;brown sand 43;grey clay gravel 68;dark brown rock 90. Water from 80 to 90.

WELLINGTON COUNTY - cont.  
Puslinch Twp. - cont.

Con X	lot 10	R.Gordon	Graham Well Drlg.	May 7, 1965	5	30	40	20	Fresh	D	Topsoil 1; brown clay sand gravel 35; gravel stones 44; brown clay stones 68; dark brown rock 80; black rock 100. Water from 78 to 99.
Con X	" 10	R.Spurrell	"	May 7, 1965	4 $\frac{1}{2}$	6	90	52	"	D	Topsoil 1; brown clay sand stones 35; brown clay gravel 70; grey clay 88; light brown rock 95; dark brown rock 115; black rock 182. Water from 105 to 182.
Con X	" 10	R.Rogers	C.Hill	June 27, 1966	4	12	45	23	"	D	Very stony clay gravel streaks 58; light brown limestone 97. Water at 97.
Con X	" 11	J.Melzer	"	Apr. 21, 1966	4	25	5	5	"	D	Very stony gravel 63; hard brown rock 83. Water at 83.
Con X	" 11	C.McNinch	Graham Well Drlg.	Apr. 26, 1965	5	15	18	3 $\frac{1}{2}$	"	D	Topsoil 1; brown clay stones 35; grey clay gravel 68; light brown rock 88; dark brown rock 95. Water from 76 to 95.
Con X	" 11	E.Hyde	"	Apr. 17, 1967	4	8	85	80	"	D	Topsoil 2; dark brown clay stones 15; light brown clay gravel 70; stones 75; brown clay gravel 107; light brown rock 162; dark brown rock 180. Water at 120.
Con X	" 11	W.MacTaggart	W.Packham	July 25, 1967	6 $\frac{1}{2}$	25	75	68	"	D	Sandy clay loam 15; clay gravel 50; clay larger stones 80; clay gravel 95; sand 103; gravel 105. Water at 105.
Con X	" 11	A.Palmer	A.Earley	July 27, 1967	4	15	20	50	"	D	Topsoil 1; stones clay 50; sandy clay 65; stones clay 78; brown rock 105. Water at 90 and 105.
Con X	" 17	E.Jones	"	June 20, 1966	4	10	60	50	"	D	Stones gravel 25; sandy clay 70; sand 80; hard packed gravel 99; limestone 112. Water at 112.
Con X	" 21	T.Warren	Graham Well Drlg.	Mar. 2, 1964	7	35	90	58	"	D	Clay stones 80; hardpan stone 110; clay gravel 130; brown rock 136; dark brown rock 205; dark grey rock 230; light grey rock 248. Water at 248.
Con X	" 21	J.Faber	"	June 18, 1964	4	15	60	45	"	D	Gravel stones 19; hardpan 42; clay stones 45; sand gravel 70; clay sand gravel 90; black rock 100. Water from 94 to 98.
Con X	" 22	J.Brown	"	Aug. 22, 1967	4	10	87	73	"	D	Brown clay stones 45; light brown clay gravel 60; sand 70; brown clay gravel 115; gravel 120; brown clay gravel 127; black rock 138; grey rock 188. Water at 138 and 188.
Con X	" 27	O.Zernis	J.Ruttan	Apr. 3, 1967	6 $\frac{1}{2}$	5	57	13	"	D, S	Brown light clay 12; grey clay boulders 35; brown sand 42; white clay fine gravel 45; dull red clay 49; grey clay gravel 57. Water from 36 to 42.
Con X	" 28	I.Cryderman	W.Packham	Apr. 24, 1967	6 $\frac{1}{2}$	30	15	8	"	D	Sandy clay loam 35; sand gravel 65; shale 67. Water at 67.
Con X	" 35	R.Varley	"	Jan. 22, 1964	6 $\frac{1}{2}$	8	50	30	"	D, S	Stony clay 49; limestone 63. Water at 55 and 60.
Con X	" 36	A.Martin	"	Jan. 8, 1964	6 $\frac{1}{2}$	4 $\frac{1}{2}$	100	30	"	D	Sand clay loam 15; gravel clay 48; black rock 95; white rock 110. Water at 50.
Con X	" 37	Halton Regional Cons. Authority	"	May 31, 1965	6 $\frac{1}{2}$	20	35	15	"	D, S	Dug well 22; stony clay 40; shale 44; solid rock 76; shale 80. Water at 75.
Con X	" 37	"	"	Dec. 3, 1965	6 $\frac{1}{2}$	20	24	9	"	D	Silt 7; grey limestone 37. Water at 17 and 36.
Con XI	" 2	L.Bard	A.Earley	Mar. 23, 1967	4	7	110	100	"	D	Stones clay 49; soft brown rock 91; hard dark brown rock 109; black rock 120. Water at 109 and 120.
Con XI	" 11	N.Grenewich	"	July 5, 1966	4	15	40	30	"	D	Stones clay gravel 60; sand 70; sandy clay 80; hard packed sand 84; hard brown rock 96. Water at 90 and 95.
Con XI	" 32	W.Beattie	W.Packham	Dec. 7, 1967	6 $\frac{1}{2}$	30	20	6	"	D	Sandy clay 34; limestone 45. Water at 41.



# APPENDIX C--RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
Fuslinch Twp. - cont.										
Gore lot 1	B. Malloy	A. Earley	Dec. 22, 1966	4	15	47	35	Fresh	D	Clay boulder 40; gravel 41; sandy clay 54; coarse gravel 56. Water at 56.
Gore " 2	D. Ayres	W. Packham	May 15, 1967	6 1/2	20	10	2	"	D	Sandy clay stones 25; clay 35; sand gravel 43. Water at 43.
Gore " 9	J. Stewart	F. Ince	Oct. 11, 1966	6 1/2	5	75	10	"	D, S	Brown clay 18; blue stony clay 79; limestone 92. Water at 85.
Gore " 14	C. Scott	S. Gill	Jan. 13, 1964	6 1/2	20	35	20	"	S	Dug well 25; sand 40; sand clay 91; rock 100. Water at 97 and 100.
Gore " 21	Catholic Youth Organization	"	July 2, 1966	6 1/2	25	6	1	"	D	Sand clay 10; sand gravel 30; grey sand 37; grey rock 45. Water at 43.
Gore " 29	E. Smith	Graham Well Drlg.	Apr. 6, 1967	4 1/2	20	35	15	"	D	Fill broken rock 2; brown limestone 43; dark brown limestone 60. Water at 60.
Gore " 37	I. Case	W. Packham	Dec. 28, 1965	6 1/2	20	12	10	"	S	Clay gravel stone 10; shale 12; rock 21. Water at 18.
Gore " 38	W. McPherson	"	July 7, 1966	6 1/2	20	55	45	"	S	Stones gravel 35; stones gravel clay 81; limestone 100. Water at 100.
Gore " 38	O. Monkhouse	"	Sep. 16, 1964	6 1/2	30	30	27	"	D	Stony clay 27; bedrock shaly 50; hard limestone 54. Water at 35 and 52.
Gore " 38	M. McConnell	"	June 9, 1965	6 1/2	20	45	39	"	D	Stony clay 52; black limestone 80. Water at 75.
Gore " 38	L. Ziffle	"	July 13, 1965	6 1/2	20	55	41	"	D	Stony clay 58; black limestone 105. Water at 102.
Gore " 38	W. McPherson	"	July 10, 1966	6 1/2	20	30	23	"	D	Gravel clay 45; stones broken rock 50; limestone 54. Water at 52.
West Garafraxa Twp.										
Con I lot 4	K. Warmington	J. Cudney	Sep. 28, 1964	4 1/2	10	75	65	Fresh	D	Sandy clay 72; grey limestone 108. Water at 108.
Con I " 4	M. Waechter	Graham Well Drlg.	Mar. 8, 1965	5	7	90	40	"	D	Gravel stones 25; clay stones gravel 50; brown rock 120; dark brown rock 128; reddish brown rock 132; light brown rock 135. Water from 128 to 132.

WELLINGTON COUNTY - cont.											
West Garsfraxa Twp. - cont.											
Con I	lot 5	A.Caldwell	J.Cudney	Sep.26,1960	4	9	40	15	Fresh	D	Dug well 16;gravel large stones 27;grey limestone 107. Water at 107.
Con I	" 6	S.Spicer	"	Jan.24,1964	4 $\frac{1}{2}$	10	13	11	"	D	Gravelly clay 10;grey limestone 43. Water at 43.
Con I	" 7	G.Warden	A.Earley	Aug. 6,1966	4	6	45	15	"	D	Gravel 15;clay gravel 30;stones clay 35;clay gravel 50;blue rock 56;limestone 141. Water at 100 and 141.
Con I	" 7	Ward Bros.	J.Cudney	Jan.16,1967	4	10	20	9	"	D	Gravel large stones 12;grey limestone 53. Water at 53.
Con I	" 7	G.Thompson	McLaughlin Water Wells & Supply	June 12,1967	7	15	55	15	"	D	Topsoil 1;brown clay 8;hardpan 65;quicksand 70;rock 105. Water from 75 to 105.
Con I	" 7	B.Hales	C.Hill	Nov. 2,1967	4	10	50	45	"	D	Clay 33;grey rock 88. Water at 88.
Con I	" 20	G.Hurlburt	Graham Well Drlg.	July 30,1964	5	15	18	4	"	D,S	Topsoil 1;brown clay stones 34;grey clay gravel 109;brown sand gravel 121;brown rock 135;light brown rock 138;grey rock 145. Water at 140.
Con II	" 4	C.Leybourne	J.Cudney	May 8, 1967	4 $\frac{1}{2}$	4	60	20	"	D	Sandy clay 10;clay 53;grey limestone 145. Water at 145.
Con II	" 5	L.May	A.Earley	Apr.22,1967	4	5	40	14	"	D	Stones clay gravel 12;brown limestone 45;white rock 60. Water at 40 and 50.
Con II	" 5	K.Vanleeuwen	J.Cudney	Sep. 1,1967	4	3	60	Flows	"	D	Stony clay 9;grey limestone 70. Water at 70.
Con II	" 7	L.Rogers	"	Apr.26,1967	4 $\frac{1}{2}$	8	60	22	"	D	Sand 10;sandy clay 46. Water at 123.
Con II	" 7	H. Harvey	"	Aug. 4,1967	4	8	60	25	"	D	Fine sand 10;sandy clay 45;grey limestone 115. Water at 115.
Con II	" 7	J.Isley	Graham Well Drlg.	Aug. 9,1967	4	7	80	28	"	D	Topsoil 1;brown clay 15;grey clay gravel 45;broken light brown rock 56;light grey rock 104;dark grey rock 198. Water at 143 and 198.
Con II	" 8	K.Veijalainen	J.Cudney	Oct.19,1964	4 $\frac{1}{2}$	10	60	17	"	D	Sandy clay 10;clay 60;hardpan 82;grey limestone 147. Water at 147.
Con II	" 13	W.&J.Cruden	Graham Well Drlg.	June 9,1965	5	8	125	Flows	"	D,S	Topsoil 1;brown clay 25;grey clay 90;light brown rock 115;grey rock 125;light brown rock 295. Water from 244 to 295.
Con II	" 35	R.Roth	Durham Drlg. & Enterprises	Jan.30,1964	4	12	70	60	"	D,S	Topsoil 4;soft clay 50;stony clay 100;hard clay 140;clay boulders 160;sandy clay 180;gravel 195;hard clay 210;coarse sand gravel 222. Water from 180 to 220.
Con III	" 2	G.Ostic	J.Cudney	Aug.14,1967	4	7	50	18	"	D	Sandy clay 20;stony clay 55;grey limestone 110. Water at 110.
Con III	" 3	S.Richardson	Ladco Drlg.	Feb.12,1964	4	10	12	54	"	D,S	Brown clay rocks 14;grey clay rocks 67;grey limestone 125; white limestone 150. Water from 125 to 150.
Con III	" 3	T.Klein-Geb., binck	J.Cudney	Oct. 8,1966	4	5	60	22	"	D	Sandy clay large stones 59;grey limestone 169. Water at 169.
Con III	" 4	F.Black	A.Earley	Dec.30,1965	4	20	50	25	"	D,S	Topsoil 1;sand 11;hardpan 50;gravel clay 60;blue rock 110; white limestone 136. Water at 80, 115, 136.
Con III	" 6	E.Caudle	J.Cudney	Oct.14,1965	4 $\frac{1}{2}$	10	60	32	"	D	Stony clay 57;hard grey limestone 95. Water at 95.
Con III	" 10	J.Black	Graham Well Drlg.	Dec.13,1967	5	10	60	40	"	D,S	Topsoil 2;dark brown clay stones 30;light brown clay stones 84;brown clay gravel 97;light brown rock 145;light brown grey rock 160;light brown rock 180. Water at 175.
Con III	" 13	J.Ramage	J.Cudney	Sep. 4,1964	4 $\frac{1}{2}$	8	60	38	"	D	Sandy clay 20;clay large stones 130;grey limestone 175. Water at 174.
Con III	" 21	J.Freihaut	Durham Drlg. & Enterprises	Aug.19,1965	4	15	5	8	"	D,S	Topsoil 2;brown clay few stones 120;sand 138;gravel 142. Water at 140.
Con IV	" 3	L.Flear	Ladco Drlg. & Exploration	July 20,1966	4	5	50	20	"	D,S	Gravel layers 8;clay boulders 60;grey limestone 75;white limestone 80;grey limestone 100;brown limestone 180;grey limestone 230;brown limestone 250. Water at 245.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont.										
West Garafraxa Twp. - cont.										
Con IV lot 4	A. Sharpe	Graham Well Drlg.	Aug. 22, 1967	4	7	70	22	Fresh	D	Topsoil 1; brown clay stones 15; grey clay stones 65; rock 140. Water at 110.
Con IV " 7	C. Reatty	Lone Star Well Digging	Aug. 30, 1966	30	5	15	8	"	D	Coarse gravel 18. Water at 15.
Con IV " 7	C. Stabler	"	Oct. 10, 1966	30	5	42	30	"	D	Blue clay 40; blue clay coarse stones 46 1/2. Water at 46 1/2.
Con IV " 10	W. Craig	G. Tortington	Oct. 20, 1965	36	1/2		25	"	D	Topsoil 2; sandy loam 10; heavy clay stone 33; light clay gravel 35. Water at 25.
Con IV " 10	N. McElroy	Hadco Well Drlg. & Digging	July 23, 1965	30				"	D	Brown clay 7; fine sand 8; yellow clay 28. Water at 7.
Con IV " 10	H. Worton	"	July 23, 1965	30	1	20	15	"	D	Clay 15; boulders 22. Water at 20.
Con IV " 10	W. Wunder	"	July 23, 1965	30	1/2		20	"	D	Boulders clay 22; sand 23; brown clay 28. Water from 22 to 23.
Con IV " 10	W. Martin	"	July 23, 1965	30	1		15	"	D	Dry sand 14; sand 17. Water from 14 to 17.
Con IV " 10	M. Spadoni	"	July 23, 1965	30			10	"	D	Brown clay 10; clay boulders 17. Water at 10.
Con IV " 10	C. Bassett	A. Earley	Oct. 13, 1966	4	10	40	22	"	D	Sandy clay stones 10; blue clay small stones 80; sandy clay 94; grey rock 105; limestone 126. Water at 110 and 125.
Con IV " 10	E. Selby	Hadco Well Digging Ltd.	Nov. 23, 1966	30	2	29	5	"	D	Topsoil 1; brown clay 3; sand 5; blue hardpan 17; sand 20; hardpan 30. Water at 17.
Con IV " 10	D. Lynd	A. Earley	May 4, 1967	4	15	20	8	"	D	Clay stones 25; clay 70; clay stones 89; blue rock 109; gravel 110. Water at 107 and 110.
Con IV " 10	J. Williamson	H. Eddyvean	July 20, 1967	5	3	28	18	"	D	Soil 1; grey clay stones 87; shale 98. Water from 88 to 98.
Con IV " 17	R. Ecclestone	Graham Well Drlg.	July 26, 1965	4 1/2	10	75	65	"	D, S	Topsoil 1; brown clay stones 35; brown sand 65; grey clay gravel 192; light brown rock 290. Water at 290.
Con IV " 19	I. MacDonald	Ladco Drlg.	Dec. 2, 1965	4	10	45	22	"	D, S	Clay 15; sand 88; clay stones 16P; limestone 210. Water at 208.
Con V " 5	C. Chamberlain	A. Earley	May 24, 1967	4	7	60	12	Sulphur	D	Stones clay gravel 63; brown soft rock 115; white rock 128. Water at 128.
Con V " 8	M. Watson	"	May 13, 1967	4	15	40	18	Fresh	D	Clay gravel stones 87; blue grey rock 104. Water at 104.
Con V " 8	A. McLean	Ladco Drlg.	Nov. 13, 1967	5	20	45	27	"	P	Clay gravel rocks 20; clay rocks 92; light grey limestone 265; brown limestone 315; white blue limestone 380. Water at 125 and 275.
Con V " 10	O. Kuntz	Hadco Well Digging Ltd.	Nov. 24, 1966	30	2	37	24	"	D	Topsoil 1; clay rocks 10; sandy clay 13; hardpan 24; gravel 25; hardpan 28; gravel 29; hardpan 38. Water at 24 and 28.
Con V " 15	H. Brusch	Ladco Drlg. & Exploration Co.	Mar. 30, 1965	4	10	54	50	"	D, S	Grey clay rocks 30; sand 80; grey clay rocks 180; brown limestone 185. Water at 184.
Con V " 16	J. Wilson	"	Mar. 20, 1965	4	10	96	71	"	D, S	Grey clay 35; sand 105; gravel 108; grey clay rocks 202; light grey limestone 330. Water from 300 to 325.
Con V " 18	C. Parkinson	Graham Well Drlg.	Nov. 6, 1967	4 1/2	8	80	27	"	D, S	Topsoil 1; brown clay 15; fine sand 20; grey clay stones 165; fine sand 169; brown rock 202. Water at 190 and 202.
Con VI " 1	S. Partridge	C. Hill	Aug. 2, 1967	4	10	60	12	"	D	Sand 25; clay 65; gravel 74; blue rock 140; grey rock 191. Water at 191.
Con VI " 9	G. Davidson	Ladco Drlg.	Nov. 6, 1965	4	10	65	50	"	D, S	Sand 70; grey clay rocks 157; light grey limestone 235. Water at 230.
Con VI " 11	H. Vallery	J. Cudney	May 25, 1967	4 1/2	7	80	45	"	D	Fine sand 22; brown clay 80; hardpan 137; grey limestone 190. Water at 190.
Con VI " 16	J. Eveleigh	Hadco Well Digging Ltd.	July 23, 1965	30	3	28	22	"	D	Clay 24; salty sand 30. Water from 24 to 30.
Con VI " 29	H. Eisen	G. Davidson	Jan. 15, 1965	4	10	53	44	"	D, S	Brown clay 6; quicksand stones 44; coarse sand 61; hardpan 115; sand gravel 131. Water at 131.
Con VII " 1	W. Quarrie	Graham Well Drlg.	Oct. 20, 1964	4 1/2	6	85	40	"	D	Old dug well 44; clay boulders 100; clay gravel 116; loose broken stone 205; light brown stone 220; brown rock 255. Water from 220 to 255.

WELLINGTON COUNTY - cont.											
West Garafraxa Twp. - cont.			Twp West Garafraxa								
Con VII	lot 11	J. Cudney	Lone Star Well Digging	Apr. 23, 1966	4 1/2	11	30	22	Fresh	P	Stony clay 72; soft yellow limestone 145. Water at 145.
Con VII	" 13	B. Parkinson	Hadco Well Digging Ltd.	May 15, 1964	30	3	15	10	"	D, S	Brown clay 10; coarse gravel 19. Water at 10.
Con VII	" 17	B. Russau	Graham Well Drlg.	Nov. 22, 1966	30	21	30	18	"	D, S	Topsoil 1; brown clay 15; sand 18; sand 22; blue clay 30. Water at 18.
Con VII	" 26	N. Swift	"	Nov. 5, 1964	4	7	78	25	"	D, S	Grey clay gravel 66; brown clay stones 116; gravel 128; dark brown rock 161; light brown rock 210. Water from 160 to 205 and at 210.
Con VIII	" 10	W. Gow	J. Cudney	Sep. 21, 1967	4	5	55	51	"	D	Sandy clay 10; yellow clay 80; stony hardpan 90. Water at 183.
Con VIII	" 2	W. P. Farms Ltd.	Ladco Drlg. & Exploration	Nov. 5, 1964	4	10	80	70	"	D, S	Brown clay rocks 6; sand 90; grey clay rocks 135; light grey limestone 265. Water from 250 to 265.
Con VIII	" 5	A. Duck	"	Apr. 20, 1966	4	10	110	103	"	D, S	Sand 140; grey clay rocks 202; light grey limestone 210. Water at 208.
Con VIII	" 7	C. Walker	"	Dec. 7, 1964	6 1/2	20	74	60	"	D, S	Sand clay layers 120; grey clay stones 150. Water at 149.
Con VIII	" 11	K. Beermen	G. Tortington	Oct. 30, 1965	36	1		23	"	D	Topsoil stone 7; sand 23; blue sand clay stone 30. Water at 26.
Con VIII	" 23	W. Pahl	Durham Drlg. & Enterprises	Aug. 28, 1965	4	15	55	40	"	D, S	Open hole 28; sandy clay 70; grey clay 100; hard grey clay stones 130; brown rock 176. Water at 160 and 176.
West Luther											
Con I	lot 3	J. Rennie	Ladco Drlg.	Mar. 9, 1965	4	10	60	40	Fresh	D, S	Grey clay stones 40; sand 60; grey clay sand layers 180; gravel rocks 215; sand 235; grey clay rocks 242; blue grey rock 265; white limestone 324. Water from 315 to 322.
Con IV	" 17	B. Anderson	Durham Drlg. & Enterprises	Oct. 20, 1967	4	15	50	35	"	D, S	Topsoil 3; sandy clay 30; gravelly clay 60; sandy clay 90; brown rock 112. Water from 100 to 112.
Con IV	" 17	R. Richardson	"	Aug. 28, 1965	4	12	64	55	"	D, S	Open hole 27; sandy clay 90; boulders 107; grey rock 127. Water from 120 to 127.
Con VI	" 10	B. Kolmit	Hadco Well Digging Ltd.	Nov. 17, 1965	5 1/2	4	145	42	"	D	Clay stone 20; clay boulders 95; shale 99; grey rock 120; brown rock 125; grey rock 157; white rock 159. Water from 120 to 125 and from 149 to 155.
Con VII	" 1	J. Gallagher	Durham Drlg. & Enterprises	Dec. 11, 1964	4	20	16	8	"	D, S	Open hole 24; sandy clay 35; sand 45; sandy clay 85; sand 92; brown rock 107. Water from 100 to 107.
Con VIII	" 10	H. Turner	Water Well Drlg.	Dec. 30, 1964	4	8	25	20	"	S	Dug well 20; hardpan stones 81; brown limestone 110. Water at 105.
Con VIII	" 10	"	"	Jan. 12, 1965	4	10	24	24	"	D, S	Dug well 20; clay gravel 70; hardpan boulders 85; brown limestone 110. Water at 108.
Con VIII	" 10	K. Anderson	"	July 30, 1965	4	12	30	20	"	D, S	Topsoil 2; sand gravel 5; stones 11; clay gravel 68; grey limestone 89. Water at 86.
Con VIII	" 11	J. Robertson	"	Dec. 16, 1964	4	6	44	44	"	S	Dug well 27; hardpan gravel 44; grey limestone 88. Water at 86.
Con XIV	" 1	J. Monahan	"	Mar. 9, 1965	4	12	12	12	"	D	Topsoil 1; hardpan boulders 15; clay 52; gravel hardpan 66; Water at 98.
Con XIV	" 10	H. Scott	Durham Drlg. & Enterprises	Aug. 19, 1964	4	10	70	30	"	D, S	Brown clay stones 84; hard grey limestone 153. Water from 110 to 150.

**APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967**

LOCATION *		OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY											
Ancaster Twp.											
Con I	lot 1	S.Hegyes	F.Ince	Aug.28,1964	6½	2	157	80	Fresh	D,S	Dug well 16;blue clay 147;gravel 150;limestone 157. Water at 150.
Con I	" 2	Fairlawn Sod Nursery	"	Nov.21,1967	6½	30	16½	50	"	Ir	Brown clay 12;blue clay 153;limestone 165. Water at 153.
Con I	" 3	S.Bous	"	Nov.19,1964	6½	4	166	50	"	D,S	Brown clay 10;blue clay 159;limestone 166. Water at 163.
Con I	" 6	W.Medlar	"	Oct.15,1965	6½	15	75	66	"	D,S	Brown clay 15;blue clay 85;fine gravel 91. Water at 91.
Con I	" 7	B.Little	I.Davis	July24,1965	6½	5	45	35	"	D	Blue clay 142;blue shale 152. Water at 148.
Con I	" 8	D.Mannan	F.Ince	Sep.17,1965	6½	1	135	40	"	D	Brown clay 15;blue clay 121;limestone 135. Water at 130.
Con I	" 9	S.Misener	I.Davis	Aug. 3,1965	6½	1½	40	40	"	D,S	Blue clay 150;shale 160. Water at 155.
Con I	" 11	S.Ottman	H.Johnson	June 2,1965	36	5	25	18	"	D	Brown clay 18;silt 34;heavy clay 35. Water from 18 to 34.
Con I	" 13	B.Bouwmeester	Cross Bros.	Apr.22,1967	6	8	150	50	"	S	Sand loam 15;grey clay 110;fine sand 183;limestone 196. Water at 195.
Con I	" 16	H.Walton	"	Feb.20,1964	6½	10	50	35	"	D,S	Sandy loam 5;brown sand 60;quicksand 120;fine sand 180;fine gravel 184. Water at 184.
Con I	" 22	H.Wilkinson	H.Johnson	May 14,1966	36	3		11	"	D	Black loam 1;brown clay 11;blue clay and silt layers 34. Water at 11.
Con I	" 26	B.Kitchen	"	Nov.23,1966	30	4		17	"	D,S	Brown sandy clay 8;brown sand 20;grey fine sand 34. Water at 17.
Con I	" 30	A.Polap	Hadco Well Digging Ltd.	June 4,1964	30			31	"	D	Topsoil 1;brown sandy clay 30;blue sand 34;brown sand 40. Water at 31.
Con I	" 29	G.Muys	H.Johnson	Sep.21,1966	36	5	23	20	"	D	Brown sandy clay 10;blue sandy clay 20;green and pink sand and stone 27. Water at 20.
Con I	" 30	M.Subrinsky	Hadco Well Digging Ltd.	Dec.12,1967	30	2	38	30	"	D	Fill 3;brown clay and fill 7;sand 12;grey clay 30;sand 36; blue clay 40. Water at 30.
Con I	" 31	H.Hess	"	Nov.11,1964	36	4	28	22	"	D	Brown sand 3;grey sand 6;orange coloured sand 8;brown sand, stone and shale 16;blue clay and sand 22;gravel and stone 24;blue clay and sand and shale 40. Water at 22.
Con I	" 31	E.Oldfield	H.Johnson	July25,1965	36	10	40	38	"	D	Black loam 2;brown sandy loam 10;clay loam 15;shale and clay loam 18;rocky black silt 20;grey silt 40;silt 42;medium coarse red and grey sand 47;coarse sand 50. Water from 42 to 50.
Con I	" 31	F.Ahearn	Hadco Well Drlg. & Digging Ltd.	June23,1967	30	4	48	17	"	D	Topsoil 1;brown clay 16;sand and gravel 17;blue clay 35; blue sand 47;blue clay 50. Water at 17 and 36.
Con I	" 32	W.Beisenthal	H.Johnson	Mar.13,1964	36	5	36	34	"	D	Brown sand 6;grey sand 10;red sand 14;shale and stone 16; grey sand 25;red sand 35;fine grey sand 38;grey sandy clay 40;grey sand 44. Water at 34.
Con I	" 32	P.Brudelle	"	Oct.18,1965	36	5	50	49	"	D	Black loam 1;brown sandy loam 3;brown hard clay 12;hardpan stone and shale 49;medium coarse sand 56. Water at 49.
Con I	" 32	S.Iovio	Hadco Well Drlg. & Digging Ltd.	Dec. 5,1967	30	6	58	40	"	D	Topsoil 1;brown sandy clay 14;grey sandy clay 52;grey sand 60. Water at 52.
Con I	" 33	P.Wakernaak	H.Johnson	July16,1965	36	4	20	15	"	D	Brown sand clay and stone 12;shale layers 13;grey sand and blue clay and limestone 14;blue clay and sand and silt layers 32. Water at 15.
Con I	" 33	S.DeAngelo	Hadco Well Drlg. & Digging Ltd.	Nov.21,1967	30	4	24	10	"	D	Topsoil 1;sand 6;fine gravel 10;blue clay 26. Water at 10.
Con I	" 34	C.Linton	H.Johnson	Nov. 6,1965	36	4	53	51	"	S	Black loam 1;brown sandy clay 6;shale layer 14;grey sandy clay and stone 20;sandy clay 40;stone 45;medium coarse sand 60. Water at 51.

## WENTWORTH COUNTY - cont.

## Ancaster Twp.-cont.

Con I	lot 35	G.Schmidt	Hadco Well Digging Ltd.	Sep. 8, 1965	30	1	34	Fresh	D	Brown clay 14; grey clay 38; brown rusty sand 52. Water at 38.	
Con I	" 35	G.Fuhrman	H.Johnson	Mar. 5, 1966						Previously bored 22; grey clay 26; layers sand, gravel and shale 104. Dry hole.	
Con I	" 35	L.Lowinger	Hadco Well Drlg. & Digging Ltd.	Dec. 7, 1967	30	5	43	28	Fresh	D	Brown clay 12; blue clay 32; fine gravel 34; grey sand 38; blue clay 45. Water at 32.
Con I	" 35	G.Fuhrman	H.Johnson	June 25, 1967	36	3		5	"	D	Sand and loam 1; clay loam 5; fine sand 21. Water at 5.
Con I	" 36	G.Scherf	G.J.Wallis	Sep. 24, 1966	6½	7	136	24	"	D	Brown sandy soil 14; sandy grey clay 85; silt and sand 88; grey clay 131; grey limestone 140. Water at 138.
Con I	" 38	D.Dean	Cross Bros.	Feb. 27, 1964	6½	8		20	"	D	Boulders 5; limestone 30; red shale 46; grey shale 55. Water at 50.
Con I	" 38	J.Jack	Hadco Well Digging Ltd.	July 3, 1964	30	2		18	"	D	Topsoil 1; brown sandy clay 14; blue clay and grey sandy clay 18; blue sand 32; blue clay 34; blue sand 40. Water at 20.
Con I	" 38	W.Whitworth	F.Ince	Aug. 22, 1966	6½	20	28	11	"	D	Brown clay 20; blue clay 33; rock 40. Water at 39.
Con I	" 39	T.Langs	Hadco Well Digging Ltd.	Nov. 17, 1964	30	2	58	28	"	D	Brown sand 20; grey clay 35; grey fine silty sand 65. Water at 35.
Con I	" 41	Ancaster P.U.C.	International Water Supply Ltd.	July 15, 1964	12	500	79	170	"	P	Brown clay 3; dirty sand gravel and boulders 6; hard grey clay and boulders 39; soft silty clay and gravel streaks 78; hard grey clay with soft streaks 146; hard grey clay and gravel streaks 196; hard grey clay and soft silty clay streaks 270; silty red and grey clay 284½; fine to medium gravel 304½. Water at 284½.
Con I	" 41	"	"	Aug. 21, 1967	6				1- 67	T	Topsoil 2; brown clay 11; blue clay 61; soft grey clay and odd bit of gravel 222; silty clay 254; silty very soft clay 277; silty clay and some fine gravel 285; clay and gravel 286; soft clay and some fine gravel 302; red shale 306.
Con I	" 41	"	"	Aug. 25, 1967	6				2- 67	T	Topsoil 1; clay 9; sand gravel clay and odd boulder 11; clay 37; silt and fine gravel 40; clay with silty streaks 52; silty clay and odd bit of gravel 63; stiffer clay 142; silty clay 215; clay and some gravel 220; blue shale and odd bit red clay 223; grey silty clay 272; red clay 275; grey sandy clay 287; grey silty clay 272; red clay 275; grey sandy clay 287; grey sandy clay 287; grey sandy clay 296; red shale 297.
Con I	" 41	"	"	Sep. 8, 1967	6				3- 67	T	Topsoil 2; clay 4; clay silt boulders and some gravel 8; grey clay and gravel 107; stiffer clay and odd bit gravel 115; silty clay and gravel 170; stiffer clay and shale 280; silt 287.
Con I	" 41	"	"	Sep. 13, 1967	6				4- 67	T	Topsoil 2; sandy clay 6; silt clay boulders and gravel 10; clay and gravel 21; clay silt streaks and gravel 84; stiffer clay and shale 213; soft streaky clay 236; silty clay and shale 287; blue shale 289; red shale 290.
Con I	" 41	"	"	Sep. 21, 1967	6				5- 67	T	Topsoil 1; clay and boulders 5; fine gravel and clay 10; silty clay and gravel 140; silty clay and shale 185; stiff clay 255; clay and gravel and shale 326; clay and gravel and shale 355; clay boulders and shale 357; blue shale clay and gravel 364; clay 383; red shale 385.
Con I	" 41	"	"	Oct. 3, 1967	6				6- 67	T	Topsoil 1; sandy clay 11; blue clay and gravel 165; silty clay 191; clay 246; soft silty clay 336; silty clay and gravel 356; hard blue clay and gravel 362; blue shale and red shale 368.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Ancaster Twp. - cont. Con I lot 41	Ancaster PUC.	International Water Supply Ltd.	Oct.12,1967	1 1/4	40	7	2	Fresh	T 7-67	Topsoil 1;sandy clay 3;sand gravel boulders and clay 9;sand gravel and boulders 24;clay and gravel 35;sandy clay and sand and gravel 58;fine sand fine gravel and clay 70;sandy clay sand and fine streaked gravel 76;clay and gravel 119;clay 203;soft silty clay 233;sand gravel boulders and clay 245; sand gravel and streaked clay 250;hard packed sand,gravel and shale 254;soft clay and gravel 275;clay and gravel 311; hard packed gravel shale and clay 320;shale 330. Water at 232.
Con I lot 41	"	"	Oct.24,1967	2	50	9	15	Fresh	T 8-67	Topsoil 1;dirty sand clay boulder and some gravel 5;silty clay and gravel 77;sticky silty clay 155;fine gravel sand and clay 182;fine sand fine gravel and clay 188;fine gravel sand and clay 192;soft silty clay 287;packed fine gravel shale and clay 292;shale 297. Water at 155.
Con I " 41	"	"	Nov. 7,1967	6					T 9-67	Topsoil 1;clay and gravel 8;gravel boulders and clay 23;silty clay and gravel 58;fine sand gravel and streaked clay 68; silty clay gravel and streaked sand 78;silty clay and gravel 116;silty clay 201;sandy clay sand and fine gravel 210;silty clay sand and gravel streaks 224;soft silty clay 226;silty clay and gravel 229;silt and fine gravel 230;sand,gravel with streaks clay 238;clay sand and streaked gravel 242; boulders 243;red and grey clay and gravel 318;packed gravel and clay 322;shale 326.
Con I " 41	"	"	Nov.14,1967	6					T 10-67	Topsoil 1;clay gravel and boulders 4;sand gravel and boulders 16;clay and gravel 19;sand gravel and clay 21;soft clay 23; silty clay sand and streaked gravel 38;soft sandy clay and gravel 60;silt clay and gravel 71;silty clay and gravel 117; silty sticky clay 181;soft silty clay and gravel 214;soft silty clay and fine gravel 223;silty clay and fine gravel 265 silt clay and gravel 284;silty clay and gravel 305;hard clay gravel and shale 308;gravel sand and boulders 317;red clay 320;red shale 321.
Con I " 41	"	"	Nov.21,1967	2	43		2	Fresh	T 11-67	Topsoil 1;clay some gravel and boulders 6;gravel sand and boulders 18;gravel sand and clay 22;soft silty clay 269;silty clay and fine gravel 305;blue shale gravel and red clay 308; gravel sand boulders and clay 316;red clay 319;shale 320. Water at 308.
Con I " 49	G.Kuthe	F.Ince	Feb.27,1964	6 1/4	20	60	35	Fresh	D	Brown clay 8;sandy clay 86;sand 92. Water at 90.
Con I " 49	N.Muir	"	May 5,1966	6 1/4	7	175	125	"	D	Brown clay 15;blue clay 180;coarse sand 189. Water at 189.
Con II " 7	E.Misner	"	Sep. 2,1964	6 1/4	20	35	30	"	D,S	Brown sandy clay 10;blue clay 129;limestone 137. Water at 135.
Con II " 11	G.VanSickle	H.Johnson	July 7,1965	36	10	20	13	"	D	Black loam 1;brown sandy loam 10;blue clay and sand 15;fine sand and blue clay 28;blue clay 30. Water from 13 to 28.
Con II " 13	G.Hiscox	"	Apr. 7,1964	36	10	47	35	"	D	Brown sand 4;hardpan 13;silt 15;clay and silt layers 35;silt 49;clay. Water at 35.
Con II " 14	P.Beit	Hadco Well Digging Ltd.	Aug. 4,1965	30			40	"	D	Sandy clay 15;clay 35;sandy clay 43;sandy clay 60. Water from 35 to 40.
Con II " 14	"	"	Aug. 4,1965							Sandy clay 15;brown clay 35;sandy clay 40;grey clay 60. Dry hole.



WENTWORTH COUNTY - cont.  
Ancester Twp. - cont.

Con II	lot 18	E. Martin	H. Johnson	July 17, 1964	36	3	34	30	Fresh	D	Brown sandy clay 9; grey clay 30; silt 33; hard clay 37; silt 44. Water at 30.
Con II	" 19	A. Groen	F. Ince	Feb. 12, 1964	6 1/2	5 1/2	180	36	Sulphur	D, S	Brown clay 10; blue clay 154; limestone 190. Water at 180.
Con II	" 25	C. VanBaren	Hadco Well Drlg. & Digging Ltd.	Nov. 28, 1967	30	3	40	19	Fresh	S	Topsoil 1; brown sandy clay 12; grey clay 19; grey sand 38; blue sand 40. Water at 19.
Con II	" 30	S. Bonoham	H. Johnson	Apr. 30, 1965	30	4	24	20	"	D	Brown sand 5; brown clay 10; hard brown sand 20; reddish sand 24; coarser sand 26; grey sand 28; heavy clay 31; red sand 35. Water at 20.
Con II	" 30	K. Forster	"	Feb. 22, 1966	36	5	34	28	"	D, S	Brown sand 10; reddish sand and shale 21; clay layer 22; reddish sand and shale 38; grey silt 42. Water from 28 to 42.
Con II	" 30	F. Stanley	"	June 31, 1967	36	2		16	"	D	Brown clay 10; blue clay 16; blue clay and silt and sand 34. Water at 16.
Con II	" 31	C. Heinz	"	May 22, 1965	30	2	53	47	"	D	Brown sand 8; red fine sand 14; coarse red sand 20; fine brown sand 24; coarse red sand 30; hard grey sand 40; soft grey sand 50; grey and red sand layers 70. Water at 50.
Con II	" 31	D. Meade	"	Nov. 4, 1967	36	2 1/2		40	"	D	Brown sand and shale 30; grey and reddish medium sand, coarse sand and silt 54. Water at 40.
Con II	" 31	J. Munro	"	June 15, 1967	30	2		35	"	D	Brown sand and shale 30; grey and reddish sand medium coarse sand and silt 54. Water at 40.
Con II	" 34	S. Kulbicky	F. Ince	May 6, 1967	6 1/2	1	190	45	"	D, S	Dug well 37; brown quicksand 100; blue clay 193; rock 198. Water at 195.
Con II	" 36	W. Smith	H. Johnson	Dec. 7, 1964	30	82	5	79	"	D	Black loam 2; brown sand 10; red sand and shale 68; clay 70; red sand 79; red and grey sand 101. Water at 79.
Con II	" 39	L. Harvey	F. Ince	Mar. 13, 1964	6 1/2	1/2	181	110	"	D	Brown clay 4; sandy clay 105; blue clay 167; limestone 181. Water at 173.
Con II	" 43	Malcolm Const.	"	Sep. 3, 1964	6 1/2	20	40	36	"	D	Brown sandy clay 20; blue clay 50; gravel 56. Water at 56.
Con II	" 50	G. Mitchell	Hadco Well Digging Ltd.	Nov. 16, 1966	30	4	42	13	"	D	Brown sand 1; sand and gravel 8; grey clay 14; black clay 36; fine gravel 38; blue clay 40; sand 41; blue clay 43; sand 44; rock. Water at 35, 40 and 43.
Con II	" 51	A. Peller	Cross Bros.	May 7, 1964	6 1/2				"	"	Brown clay 3; limestone 50. Dry hole.
Con II	" 51	"	"	May 11, 1964	6 1/2	1	55	8	Fresh	D	Brown clay 6; limestone 55. Water at 10.
Con II	" 51	Dr. J. Holbrook	"	July 7, 1967	6 1/2	10	38	25	"	D, S	Sandy loam 15; brown clay 26; blue clay 34; limestone 48. Water at 45.
Con II	" 52	Ont. Dept. of Highways	"	Oct. 16, 1967	6 1/2	20	25	12	"	D	Topsoil 2; brown clay 10; grey clay 14; limestone 40. Water at 26.
Con III	" 12	K. Beal	F. Ince	Jan. 9, 1964	6 1/2	1	230	35	"	D, S	Brown clay 8; blue clay 144; limestone 230. Water at 228.
Con III	" 16	C. Groen	"	Oct. 14, 1965	6 1/2	10	140	50	"	D, S	Brown clay 15; blue clay 145; limestone 152. Water at 150.
Con III	" 17	Brouwer Bros.	"	Dec. 29, 1967	6 1/2	90	150	35	"	D	Brown clay 12; blue clay 135; limestone 151. Water at 148.
Con III	" 18	J. Beemer	"	Mar. 3, 1964	6 1/2	1 1/2	160	35	"	D	Brown clay 8; blue clay 135; limestone 160. Water at 158.
Con III	" 18	G. Muys Bldr.	Cross Bros.	Apr. 26, 1967	6 1/2	3	140	40	"	D	Sandy loam 10; grey clay 40; quicksand 80; blue clay 135; shale 148. Water at 146.
Con III	" 18	"	"	Apr. 29, 1967	6 1/2	5	130	40	"	D	Sandy loam 12; grey clay 40; quicksand 85; blue clay 133; shale 144. Water at 143.
Con III	" 19	J. Snyder	G. Wallis	Oct. 13, 1965	6 1/2	1	134	35	"	D	Brown clay 15; grey clay 131 1/2; brown limestone 148. Water at 146.
Con III	" 19	J. Johnman	"	Oct. 15, 1965	6 1/2	2	136	35	"	D	Dug well 38; grey clay 132; brown limestone 150. Water at 148.
Con III	" 19	S. Schoeman	F. Ince	June 28, 1966	6 1/2	2	150	35	"	D	Brown clay 10; blue clay 132; limestone 150. Water at 145.
Con III	" 19	T. Pacey	"	Aug. 12, 1966	6 1/2	2	152	35	"	D	Brown clay 15; blue clay 133; limestone 152. Water at 146.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations occur below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Ancaster Twp. - cont.										
Con III lot 19	D.Pergeson	H.Johnson	Dec.10,1966	36	5		28	Fresh	D	Brown clay 10;grey hard clay 28;blue clay and silt layers 57. Water at 28.
Con III " 19	J.Calder	Cross Bros.	June12,1967	6 1/2	5	125	36	"	D	Sandy loam 10;grey clay 46;quicksand 136;limestone 141. Water at 140.
Con III " 19	B.Norman	"	Aug. 8,1967	6 1/2	3	140	30	"	D	Brown clay 15;grey clay 50;quicksand 127;limestone 150. Water at 148.
Con III " 20	G.Markle	H.Johnson	Aug.11,1966	36	4		24	"	P	Brown sandy clay 8;blue clay 24;blue clay and silt 31. Water at 24.
Con III " 21	Allard Constr.	G.Wallis	Sep. 3,1965	6 1/2	10	132	30	"	D	Brown sandy clay 14;grey clay 141;brown limestone 148. Water at 147.
Con III " 23	A.Baker	Cross Bros.	Jan.25,1967	6 1/2	2	100	23	"	S	Dug well 36;quicksand 92;blue clay 108;limestone 122. Water at 120.
Con III " 25	C.Lovering	F.Ince	Sep.24,1965	6 1/2	20	40	70	"	D,S	Dug well 32;blue clay 94;limestone 187. Water at 186.
Con III " 28	W.Machellick	H.Johnson	Nov.25,1966	36	5	22	18	"	D	Brown sandy clay 18;blue clay and silt layers 40. Water at 18.
Con III " 34	Ont.Dept. of Highways	E.Stewart & Son	Oct.24,1967	6 1/2	6	140	38	"	F	Dark blue hard clay 55;light blue putty clay 105;limestone 147. Water from 145 to 147.
Con III " 35	W.Leitch	Hadco Well Digging Ltd.	Nov.16,1964	30	2	37	22	"	C	Brown sand 10;grey sandy clay 20;grey fine silty sand 50. Water at 20.
Con III " 35	"	"	July 7,1966	30	2	24	22	"	C	Brown sand 10;grey silty sand 20;grey fine sand 30. Water at 20.
Con III " 36	G.Walker	F.Ince	Sep.10,1965	6 1/2	3	120	40	"	D	Brown clay 20;brown sandy clay 80;blue clay 104;limestone 130. Water at 125.
Con III " 36	J.Anslow	W.Packham	Sep.21,1966	6 1/2	7	100	10	"	D	Dug well 14;sandy brown clay 50;soft grey clay 93;limestone 115. Water at 110.
Con III " 36	W.Ahnert	F.Ince	July31,1967	6a	2	126	40	"	D	Brown clay 20;blue clay 87;limestone 126. Water at 124.
Con III " 37	L.Roth	Hadco Well Digging Ltd.	Apr.18,1967	30	3	50	34	"	D	Brown sandy clay 7;brown sand 14;grey clay 25;grey sandy clay 54;blue sand 56. Water at 56.
Con III " 38	D.Lee	"	Aug.23,1967	30	2	43	33	"	D	Topsoil 1;brown clay 3;sand and gravel 14;brown clay 24; blue sand 39;blue hardpan 45. Water at 33.
Con III " 45	Alm Builders	F.Ince	Nov.12,1965	6 1/2	1	110	40	"	D	Sandy clay 87;limestone 110. Water at 105.
Con III " 47	K.Bolton	"	June21,1965	6 1/2	2	76	40	"	D	Brown sandy clay 30;sandy clay 40;blue clay 66;limestone 81. Water at 77.
Con III " 48	Ancaster Agri-culture Ass.	Hadco Well Digging Ltd.	Sep. 8,1965	30	3		30	"	D,S	Brown clay 8;brown sand 14;blue sand 17;grey clay 34;grey marl 40;hard grey clay 42;grey sand and gravel 48. Water at 14,34 and 42.
Con III " 49	R.Northey	F.Ince	June10,1965	6 1/2	4	55	32	"	D	Brown clay 10;hard blue clay 50;sandy clay 59;sand 61. Water at 61.
Con III " 49	K.VanDerSchaaf	"	Aug.10,1966	6 1/2	20	125	35	"	D	Brown clay 20;brown sandy clay 80;blue clay 99;limestone 125. Water at 100.
Con III " 50	D.Rollins	S.Gill	Oct. 4,1965	6 1/2	5	70	30	"	D	Dug well 27;fine sand 48;gravel 50;grey clay 63;grey rock 79. Water at 70 and 79.
Con III " 50	J.Marshall	F.Ince	Aug. 3,1966	6 1/2	1 1/2	110	35	"	D	Brown clay 15;blue clay 72;limestone 110. Water at 96.
Con III " 50	K.Boeckle	J.Wickett	Jan.21,1967	6 1/2	1 1/2	140	20	"	D	Brown clay and sand 18;blue clay and sand 56;grey sand 80; blue clay 84;sandstone 100;white Niagara rock 140. Water 86.
Con III " 50	J.Husmon Bldr.	W.Packham	June24,1967	6 1/2	1 1/2	115	60	"	D	Clay 20;sandy clay 100;hard clay 104;limestone 118. Water at 110.

\* See end of Appendix C for the meanings of abbreviations and symbols.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Ancaster Twp. - cont.										
Con V lot 47	D.Brower	F.Ince	Aug. 6, 1966	6½	2	80	16	Fresh	D	Dug well 30; blue clay 75; limestone 90. Water at 85.
Con V " 48	J.Bertolo	H.Johnson	Sep. 9, 1965	36	3	29	25	"	D	Brown sandy clay 25; fine sand 40. Water at 25.
Con V " 49	M.Puharich	Hadco Well Digging Ltd.	Oct. 14, 1966	30	3	38	22	"	D	Brown clay 16; blue clay 22; blue sand 26; blue hardpan 31; blue sand 40. Water at 22.
Con VI " 28	W.Wakeling	F.Ince	May 19, 1964	6½	25	25	15	"	P	Brown clay 8; blue clay 62; limestone 71. Water at 69.
Con VI " 28	G.Mones	Cross Bros.	Apr. 11, 1967	6½	20	40	24	"	D	Brown clay 16; blue clay 70; limestone 77. Water at 75.
Con VI " 31	W.Thornklosen	E.Constable	Oct. 21, 1964	6½	1½	90	20	"	D	Topsoil 4; brown clay 26; blue muck 78; limestone 100. Water at 85.
Con VI " 31	P.Kelly	W.Packham	Nov. 10, 1967	6½	2½	125	35	"	D	Clay 80; bedrock 134. Water at 130.
Con VI " 34	H.Smid	Cross Bros.	Oct. 12, 1965	6½	10	40	25	"	D	Brown clay 18; blue clay 50; quicksand 67; limestone 68. Water at 68.
Con VI " 34	M.Szabo	H.Johnson	Aug. 4, 1965	36	5	30	24	"	D	Previously dug well 24; clay with silt layers 62. Water at 24.
Con VI " 43	S.Schoeman	F.Ince	May 30, 1966	6½	20	60	20	"	D	Brown clay 15; blue clay 66; limestone 80. Water at 75.
Con VI " 44	G.Cranston	Cross Bros.	July 30, 1964	6½	3	70	30	"	D	Sandy loam 13; brown clay 30; blue clay 43; quicksand 65; blue clay 72; limestone 76. Water at 76.
Con VI " 47	E.Gallagher	H.Johnson	Sep. 7, 1965	36	5	32	29	"	D	Hard brown clay 16; blue clay 20; medium fine sand 22; blue clay and silt layers 40. Water at 30.
Con VII " 43	L.McBay	Cross Bros.	Mar. 8, 1967	6½	8	60	36	"	D	Topsoil 2; brown clay 20; blue clay 46; quicksand 67; limestone 76. Water at 75.
Con VII " 43	G.Morrison	"	June 27, 1967	6½	10	55	26	"	D	Brown clay 22; grey clay 72; shale 73. Water at 73.
Con VII " 45	P.Simelaitis	W.Packham	May 20, 1967	8	2½	105	45	"	S	Clay 79; bedrock 105. Water at 100.
Beverley Twp.										
Con I lot 1	E.Webb	F.Ince	Aug. 15, 1964	6½	1½	163	50	Fresh	D	Brown sandy clay 15; blue clay 158; shale 160; limestone 163. Water at 160.
Con I " 4	G.Gefferies	W.Packham	Nov. 14, 1966	6½	6	160		Sulphur	D	Sandy clay 15; blue clay 80; brown sandy clay 130; muddy sand and clay 133; silty brown clay 159; limestone 165. Water at 164.
Con I " 6	L.Young	F.Ince	Jan. 13, 1964	6½	½	152	40	Fresh	D	Brown clay 12; blue clay 125; limestone 152. Water at 145.
Con I " 7	B.Leegestra	"	Sep. 18, 1964	6½	16	100	60	"	D, S	Brown clay 15; blue clay 125; gravel 135; rock 136. Water at 135.
Con I " 12	J.Morrison	H.Johnson	Feb. 12, 1966	36	5	26	2	"	D	Brown sand 12; heavy blue clay 21; fine sand 31; silt 36. Water from 21 to 36.
Con I " 12	Lydon Co-op Feed Mill	W.Packham	Jan. 14, 1967	6½	1	175	40	Sulphur	C	Sandy clay 30; soft silty clay 90; muddy reddish sand 140; grey clay 149; bedrock 177. Water at 155.
Con I " 13	G.Robertson	H.Johnson	Nov. 23, 1964	36	3	35	30	Fresh	D	Brown sandy clay 9; grey sandy clay 41; heavy clay 44. Water at 29.
Con I " 13	R.Renton	J.Stefan	Nov. 20, 1965	4	5	75	52	"	D	Silty sand 12; soft sandy clay 110; silty sand and clay streaks 144; light grey shale 146; light grey limestone 159. Water at 158.
Con I " 13	A.Ihnet	H.Johnson	Aug. 31, 1966	36	3	18	15	"	D	Black loam 1; brown sand 29. Water at 18.
Con I " 13	M.Schoeman	"	Dec. 2, 1967	36	2		7	"	D	Sandy loam 3; fine sand 7; hard clay 12; silt and clay layers 24; silt with hard layers 40. Water at 7 and 20.

## WENTWORTH COUNTY - cont.

## Beverley Twp. - cont.

Con I	lot 13	Royal Can. Legion	F.Ince	Dec.13,1967	6½	1½	160	35	Fresh	P	Brown sand 28;blue clay 139;limestone 160. Water at 140.
Con I	" 16	H.Walton	E.Constable	Feb. 1,1964	6½					N	Topsoil 5;running sand 70;clay 140. Insufficient supply.
Con I	" 18	J.Michalco	H.Johnson	Sep.30,1965	36	3	30	25	"	D	Black loam 1;brown sandy clay 12;fine grey sand 36;heavy clay 37. Water at 25.
Con I	" 25	K.Ottman	"	May 29,1965	36	10	20	14	"	D	Brown sand 21;blue clay 22½. Water from 14 to 21.
Con I	" 24	J.Dezeew	"	July14,1967	36	5		6	"	D	Brown fine sand 21. Water at 6.
Con I	" 25	G.Muys Contr.	"	June10,1966	36	3	10	6	"	D	Black loam 1;brown sand 17. Water at 6.
Con I	" 30	"	"	Sep.14,1966	36	4	19	17	"	D	Brown sandy clay 10;blue sandy clay and stone 30;sand 32. Water at 17.
Con I	" 30	E.Hunt	Hadco Well Digging Ltd.	Sep.19,1966	30	2	58	35	"	D	Topsoil ½;brown sandy clay 14;blue sandy clay 51;blue sand 60. Water at 51.
Con I	" 30	R.Newman	H.Johnson	Nov.21,1966	36	5		14	"	D	Brown sand 10;grey sand and clay 14;stone and grey sand and clay 20;sand and clay layers 27. Water at 14.
Con I	" 30	J.Huesman	"	July 7,1967	36	2		25	"	D	Brown sandy clay 10;blue clay and stone 25;fine sand and silt 35. Water at 25.
Con I	" 31	J.Godena	"	Jan. 4,1965	30	5	66	62	"	D	Brown clay 20;brown sand and gravel 24;hard sand and gravel 28;hard grey sand and stone 62;grey clay with silt layers 72;medium coarse red and grey sand 80. Water at 62.
Con I	" 31	J.Harvey	Hadco Well Digging Ltd.	June11,1965	30	2		10	"	D	Clay 9;fine sand 12;sandy clay 14;clay and sand 19;blue clay 28. Water from 9 to 12.
Con I	" 31	W.DeLottinville	H.Johnson	Dec.18,1967	36	2		50	"	D	Brown clay 14;blue clay with silt layers 50;silt with blue clay layers 67. Water at 50.
Con I	" 32	R.Martin	Hadco Well Digging Ltd.	Aug.11,1967	30	3	50	22	"	D	Topsoil 1;brown clay 12;blue clay 28;fine gravel 32;blue sandy clay 50. Water at 30.
Con I	" 33	G.Marsh	"	Aug.14,1967	30	5	28	6	"	D,S	Topsoil 1;brown sandy clay 5;sand and gravel 10;blue sandy clay 13;yellow clay 15;blue sand 30. Water at 8, 12 and 18.
Con I	" 33	"	"	Aug.14,1967	30				"		Topsoil and clay 13;yellow sand 60;blue clay hardpan layers and sand streaks 80. Dry hole.
Con I	" 33	"	"	Aug.14,1967	30				"		Brown clay 25;blue clay with sand streaks 80. Dry hole.
Con I	" 34	L.Tuinstra	Cross Bros.	Nov. 2,1967	6½	15	100	60	Fresh	D	Sandy soil 40;blue clay 70;fine sand 139;limestone 140. Water at 140.
Con I	" 36	J.Huisman	Hadco Well Drlg. & Digging Ltd.	Oct. 9,1967	30	3	24	15	"	D	Fill 2;brown sandy clay 14;sand 16;blue clay 17;blue sandy clay 25. Water at 15 and 17.
Con II	" 3	L.Wood	W.Packham	Apr.29,1965	6½	10	100	30	"	D	Soft clay 78;hard clay and gravel 98;shaly rock 104;solid rock 120. Water at 102.
Con II	" 12	S.Huton	H.Johnson	May 27,1964	36	3	36	30	"	D	Brown clay 14;heavy blue clay and silt layers 44. Water at 30.
Con II	" 12	O.Wilson	Cross Bros.	Nov.25,1965	5	20	50	40	"	D	Sandy loam 10;brown clay 18;blue clay 45;quicksand 100;fine gravel 105;limestone 111. Water at 110.
Con II	" 13	R.Anderson	"	Jan.21,1964	6½	1	85	20	Sulphur	N	Topsoil 1;brown clay 26;blue clay 66. Water at 66.
Con II	" 13	J.Sharpe	"	June 9,1964	6½	10	80	45	Fresh	D	Topsoil 1;brown clay 33;quicksand 76;blue clay 100;fine gravel 105. Water at 105.
Con II	" 13	C.Simpson	H.Johnson	Dec.19,1966	36	4		20	"	D	Brown clay 15;blue clay 20;grey fine silt 40. Water at 20.
Con II	" 13	Dr.E.Lang	W.Packham	Nov.12,1967	8	1	130	21	Sulphur	D	Clay 97; limestone 135. Water at 97.
Con II	" 16	S.Deutsch	S.Gill	Sep. 8,1965	6½	10	65	30	"	D	Dug well 18;sandy clay 50;blue clay 80;grey rock 100. Water at 65 and 98.
Con II	" 18	K.Frandsen	"	Nov. 5,1964	6½	7	125	21	Fresh	S	Dug well 24;grey clay 50;silt 114;grey rock 136. Water at 134.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DWELLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Beverly Twp.- cont.										
Con II lot 19	A. Reed	H. Johnson	June 1, 1965	36	7	20	15	Fresh	D	Brown sand 6; red sand 15; grey sand 20; silt 23; clay. Water from 15 to 20.
Con II " 20	L. Frohlinger	S. Gill	Nov. 24, 1964	6 1/4	10	69	12	"	D	Dug well 32; silt 45; blue clay 60; sandy clay 67; grey rock 84. Water at 82 and 84.
Con II " 23	S. Schoeman	H. Johnson	July 21, 1965	36	10	8	4	"	D	Brown sand 22. Water from 4 to 22.
Con II " 24	G. Mensink	"	Apr. 11, 1964	36	5	8	6	"	D	Brown sand 6; medium coarse brown sand 10; coarse brown sand 17; silt 19; clay 20. Water at 6.
Con II " 24	S. Schoeman	"	Mar. 11, 1965	26	10	10	4	"	D	Brown sand 20. Water from 4 to 20.
Con II " 25	J. Riederlinski	"	Sep. 30, 1966	36	5	11	8	"	D	Black loam 1; fine brown sand 8; grey silt 15; grey clay 20. Water at 8.
Con II " 34	Beverly Golf Club	S. Gill	June 29, 1965	6 1/4	12	118	60	"	D	Blue clay 15; clay with pebbles 40; silty clay 111; blue clay 117; gravel 120; grey rock 135. Water at 125 and 133.
Con II " 34	Dundas Producers Ltd.	J. Crowley & Ass.	Aug. 4, 1967	8 1/4	12	85	66	"	In	Sandy topsoil 1; consolidated gravelly till 45; sandy clay 55; clay till 69; broken rock 71; limestone 99. Water at 85.
Con II " 34	"	"	Aug. 14, 1967	6 1/4	15	58	59	"	In	Sandy topsoil 1; consolidated gravelly till 38; sandy clay 42; very fine sand and coarse gravel 45; clay till 65; broken rock 67; hard limestone 77 1/2. Water from 42 to 45 and from 75 to 77.
Con II " 36	A. Thorpe	F. Ince	Sep. 15, 1965	6 1/4	30	60	16	"	D	Brown sandy clay 17; limestone 60. Water at 50.
Con II " 36	J. Thompson	Cross Bros.	July 4, 1966	6 1/4	2	140	60	"	D	Sandy loam 30; grey clay 90; quicksand 130; limestone 146. Water at 140.
Con II " 33	D. Biggs, Harriston Development Ltd.	F. Ince	Mar. 31, 1964	6 1/4	15	60	40	"	D, S	Brown sandy clay 15; blue clay 63; limestone 70. Water at 65.
Con III " 3	M. Robb	S. Gill	Oct. 15, 1967	6 1/4	10	50	8	"	D, S	Sandy clay 5; grey clay and sand 21; sand and clay 37; grey rock 67. Water at 67.
Con III " 6	M. Misener	"	July 29, 1965	6 1/4	2 1/2	33	16	"	D	Blue clay 29; grey rock 36. Water at 30 and 34.
Con III " 6	R. Knight	"	Sep. 22, 1966	6 1/4	2	32	15	Sulphur	D	Sandy clay 12; blue clay 17; sandy clay 23; limestone 33. Water at 32.
Con III " 8	A. Robinson	W. Packham	Dec. 5, 1966	6 1/4	10	40	17	Fresh	D	Soft clay 32; hardpan 35; bedrock 50. Water at 48.
Con III " 8	W. Buchanan	"	Sep. 14, 1967	6 1/4	6	45	28	Sulphur	D	Clay 19; bedrock 48. Water at 45.
Con III " 9	R. Hunter	"	May 9, 1967	6 1/4	1	80	45	Fresh	D	Clay 26; limestone 86. Water at 70.
Con III " 17	A. McCoy	S. Gill	Jan. 10, 1964	6 1/4	10	40	30	Sulphur	D, S	Blue clay 72; grey rock 97. Water at 84 and 95.
Con III " 17	"	"	Feb. 10, 1964	6 1/4	2	80	33	Fresh	D	Dug well 20; grey sandy clay 66; grey limestone 83. Water at 75 and 82.
Con III " 20	R. Winchester	G. Wallis	Sep. 16, 1967	6 1/4	30	40	18	"	D	Brown clay 12; grey clay 67; grey limestone 74. Water at 73.
Con III " 25	A. Strifler	Cross Bros.	Oct. 19, 1964	6 1/4	10	20	10	"	D	Sandy loam 15; brown clay 32; quicksand 53; limestone 73. Water at 73.
Con III " 25	R. Brown	G. Wallis	Aug. 10, 1965	6 1/4	4	66	32	"	D	Brown sandy clay 19; grey clay 59; white limestone 81. Water at 79.
Con III " 26	Evergreen Farm	W. Packham	Nov. 18, 1966	6 1/4	30	50	18	"	D	Dug well 25; soft clay 45; hard clay 65; limestone 77. Water at 75.
Con III " 27	A. Cushine	"	May 10, 1967	6 1/4	1	80	35	"	D	Clay 20; sandy clay 66; limestone 83. Water at 75.
Con III " 27	G. Kwakernook	Hadco Well Drlg. & Digging Ltd.	Oct. 9, 1967	30	3	24	12	"	D	Sandy fill 2; brown sandy clay 16; blue sandy clay 18; blue marl 25. Water at 16 and 18.
Con III " 28	E. Abel	Cross Bros.	Sep. 30, 1966	6 1/4	3	45	18	"	D	Dug well 20; brown clay 32; limestone 48. Water at 46.

## WENTWORTH COUNTY - cont.

## Beverly Twp. - cont.

Con III	lot 28	W. Pillhofer	S. Gill	June 22, 1965	6 1/2	10	60	13	Fresh	D	Blue clay 12; silt 29; grey rock 71. Water at 63 and 66.
Con III	" 33	G. Kwakernook	Hadco Well Drlg. & Digging Ltd.	Oct. 9, 1967	30	2	28	16	"	D	Topsoil 1; sandy brown clay 20; blue sand 26; blue clay 30. Water at 18 and 22.
Con III	" 33	"	"	Oct. 9, 1967	30	2	23	16	"	D	Topsoil 1; brown sandy clay 18; blue sand 25. Water at 14 and 18.
Con III	" 33	J. Huisman	H. Johnson	June 10, 1967	36	80		14	"	D	Brown clay and sand 12; fine sand 24. Water at 10.
Con III	" 36	W. Snively	"	July 18, 1966	36				"	D	Black loam 1; brown sand 6; hard blue clay 20; bedrock 20. Dry hole.
Con III	" 36	"	G. Wallis	May 16, 1967	6 1/2	1/2	56	14	"	D	Brown sandy soil 5; grey clay 20; white limestone 70. Water at 45.
Con IV	" 1	A. Nowell	S. Gill	Nov. 25, 1966	6 1/2	10	30	Flows	Sulphur	D, S	Brown clay 18; brown clay and stones 42; brown rock 124.
Con IV	" 4	J. Patrick	"	Mar. 5, 1964	6 1/2	7	60	37	"	D	Brown clay 20; sandy clay 58; grey limestone 72. Water at 65 and 70.
Con IV	" 5	O. Robb	"	Oct. 10, 1964	6 1/2	7	30	4	Fresh	D	Blue clay 10; grey clay 19; grey rock 33. Water at 32.
Con IV	" 6	S. Smith	"	Aug. 3, 1965	6 1/2	10	55	16	"	D	Blue clay 15; silt 43; rock 56. Water at 55.
Con IV	" 7	O. Sager	"	Oct. 8, 1967	6 1/2	10	36	6	"	D, S	Brown sand and clay 30; stone and gravel 43; limestone 114. Water at 114.
Con IV	" 10	R. Soley	"	Feb. 2, 1964	6 1/2	9	30	20	"	D	Dug well 16; grey rock 42. Water at 40.
Con IV	" 19	A. James Bldr.	"	Jan. 28, 1964	6 1/2	7	30	7	"	D	Brown clay 3; grey rock 44. Water at 39 and 42.
Con IV	" 19	Corporation of County of Wentworth	C. Hill	Dec. 13, 1965	4	8	80	23	"	P	Clay and fill 3; broken shale 18; grey rock 90; brown rock 116. Water at 116.
Con IV	" 21	Rockton Agricultural Society	W. Packham	Dec. 2, 1967	6 1/2	30	15	12	"	P	Clay 2; shaly rock 7; bedrock 77. Water at 30.
Con IV	" 21	A. James	S. Gill	Oct. 15, 1967	6 1/2	5	39	35	"	D	Limestone 57. Water at 57.
Con IV	" 22	R. Patterson	C. Hill	June 28, 1965	4 1/2	5	45	25	"	D	Clay 17; grey rock 56. Water at 56.
Con IV	" 25	E. Overmeyer	S. Gill	June 28, 1966	6 1/2	15	30	8	"	D	Clay 1; limestone 42. Water from 38 to 42.
Con IV	" 33	J. Vanderhout	P. Ince	May 14, 1965	6 1/2	15	75	3	Sulphur	Ir	Brown clay 4; shale 6; limestone 225; shale 300. Water at 80.
Con IV	" 34	P. Ramsdott	"	Mar. 9, 1967	6 1/2	25	10	3	Fresh	D	Brown clay 2; limestone 21. Water at 20.
Con V	" 2	E. Hamilton	S. Gill	Oct. 22, 1965	6 1/2	2	64	8	"	D	Deepened well 41; limestone 67. Water at 65.
Con V	" 15	C. Wakernaak	"	Apr. 14, 1964	6 1/2	10	20	5	"	D	Grey rock 36. Water at 30 and 35.
Con V	" 18	Pioneer Village	"	July 8, 1964	6 1/2	10	25	12	"	D	Limestone and grey rock 51. Water at 40 and 50.
Con V	" 18	W. Pfeffer	C. Hill	July 20, 1965	4	8	30	13	"	D	Grey rock 34. Water at 34.
Con V	" 19	D. Richardson	A. Earley	Aug. 25, 1964	4 1/2	15	20	10	"	D	Clay and stones 4; brown rock 15; blue rock 31. Water at 31.
Con V	" 19	W. Hawkins	"	Apr. 4, 1966	4 1/2	15	12	6	"	D	Topsoil 1; brown clay and stones 3; blue rock 32. Water at 32.
Con V	" 21	M. Kuras	"	Apr. 29, 1966	4 1/2	10	55	20	"	D	Topsoil 1; sand clay and gravel 23; limestone 107. Water at 107.
Con V	" 21	"	"	May 6, 1966	6 1/2	10	40	20	"	S	Previously drilled 60; limestone 78. Water at 78.
Con V	" 22	R. Maurer	C. Hill	June 3, 1965	4	5	80	66	"	D	Clay and gravel mixed 60; brown limestone 82. Water at 82.
Con V	" 22	R. Maurer	"	Oct. 13, 1965	4	7	80	60	"	D	Brown clay 56; brown rock 84. Water at 84.
Con V	" 26	R. Achenholz	J. Anderson	Aug. 9, 1966	6 1/2	8	43	14	"	D	Fine gravel 6; limestone 68. Water at 67.
Con V	" 28	S. Watterworth	S. Gill	July 30, 1967	6 1/2	5	37	30	"	D	Gravel clay and stone 12; boulders and gravel 29; limestone 61. Water at 61.
Con V	" 28	G. Durham	"	July 29, 1967	6 1/2	10	30	9	"	D	Sandy clay and stones 17; grey rock 35. Water at 35.
Con V	" 28	R. Moore	"	Aug. 2, 1967	6 1/2	10	32	25	"	D	Grey gravel clay and stone 15; boulders and gravel 26; limestone 61. Water at 61.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations entered below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Beverly Twp. - cont.										
Con V lot 31	B.Griffiths	J.Anderson	Dec. 2, 1967	6 1/2	16	11	8	Fresh	D	Brown clay 6; grey stone 36. Water at 32.
Con V " 32	J.Veltkamp	S.Gill	Sep. 6, 1965	6 1/2	12	30	10	"	D	Brown clay 2; grey rock 48. Water at 35 and 46.
Con V " 33	H.Mantel	E.Pegg	June 23, 1966	5	10	9	6	"	D	Topsoil 3; limestone 19 1/2; layer of grey granite 20; brown limestone 26. Water at 22.
Con V " 35	L.Zawiski	J.Ruttan	Aug. 4, 1966	6 1/2	7	39	7	"	D, S	Dug well 4; brown limestone 39. Water at 30 and 36.
Con VI " 2	H.Carson	B.O'Connor	Jan. 30, 1967	6 1/2	12	20	8	"	D	Topsoil 2; brown soil and stones 15; limestone 28. Water at 25
Con VI " 7	R.Whitham	S.Gill	Oct. 21, 1966	6 1/2	20	46	36	"	D	Clay and stone 19; limestone 104. Water at 104.
Con VI " 7	R.Rockford	C.Hill	June 8, 1965	4	10	35	27	"	D	Clay 18; grey limestone 84. Water at 84.
Con VI " 7	R.Burmaster	"	Apr. 12, 1967	4	12	40	16	"	D	Sandy clay 19; grey limestone 103. Water at 103.
Con VI " 7	E.Miller	S.Gill	June 8, 1967	6 1/2	10	18	7	"	D	Brown clay and stone 12; sand and clay and stone 22. Water at 52.
Con VI " 8	C.Kennedy	G.Wallis	Mar. 7, 1966	6 1/2	20	28	15	"	D	Brown gravelly clay and stones 20; clay sand and gravel 40; brown sand 42; coarse sand and fine gravel 46. Water at 46.
Con VI " 8	O.Volmers	Graham Well Drlg.	Dec. 22, 1965	5	10	50	30	"	D	Brown clay and large stones 12; brown clay and gravel 15; dark brown rock 34; dark grey rock 72; light grey rock 109; brown rock 128. Water at 128.
Con VI " 10	W.Crezee	C.Hill	May 4, 1964	4	4	30	10	"	D	Clay 4; grey limestone 51. Water at 51.
Con VI " 11	A.Gusowski	S.Gill	July 22, 1964	6 1/2	30	25	8	"	S	Topsoil 7; grey rock 54. Water at 35 and 54.
Con VI " 12	H.Kelly	C.Hill	Dec. 2, 1965	4	10	25	12	Sulphur	D	Clay 3; hard dark grey rock 75. Water at 75.
Con VI " 12	Southern Ont. Soaring Club	S.Gill	July 6, 1966	6 1/2	25	15	12	Fresh	D	Limestone 40. Water from 18 to 40.
Con VI " 12	O.Bandmann	"	July 10, 1967	6 1/2	5	10	Flows	"	C	Topsoil 4; grey clay 9; limestone 26. Water at 26.
Con VI " 22	R.Landuyt	Elliott Drlg.	May 11, 1965	4	10	20	15	"	D	Loose rock 5; limestone 74. Water at 73.
Con VI " 26	W.McGraw	J.Anderson	Nov. 17, 1964	6 1/2	5	63	15	"	D	Limestone 66 1/2. Water from 20 to 66 1/2.
Con VI " 31	G.Heatherington	S.Gill	Mar. 13, 1967	6 1/2	20	10	7	"	D	Sandy clay 11; grey rock 40. Water from 30 to 40.
Con VI " 33	S.Nimigon	"	Feb. 2, 1964	6 1/2	10	30	26	"	D	Dug well 11; clay 19; grey rock 62. Water from 50 to 60.
Con VI " 36	N.Shaver	W.Packham	Oct. 25, 1965	6 1/2	2	110	60	"	D, S	Topsoil clay. loam 5; clay and hardpan 85; bedrock 120. Water at 115.
Con VII " 6	G.Spencer	H.Eddyvean	Dec. 14, 1966	5	8	40	30	"	D	Dug well 18; hardpan 68; limestone 71. Water from 70 to 71.
Con VII " 1	M.Noctor	G.Wallis	Sep. 9, 1966	6 1/2	8 1/2	44	18	"	D	Brown gravelly clay and stones 18; gravelly grey clay 46; light grey limestone 58. Water at 55.
Con VII " 2	M.Dasilva	S.Gill	Aug. 7, 1967	6 1/2	15	18	12	"	D, S	Topsoil and boulders 5; limestone 40. Water at 40.
Con VII " 5	M.&H.Calvert	C.Hill	Jan. 20, 1967	4	10	80	30	"	D, S	Clay and gravel mixed 31; grey limestone 137. Water at 137.
Con VII " 9	M.Deir	S.Gill	Dec. 14, 1966	6 1/2	15	80	55	"	D	Clay and stones 20; coarse sand 53; grey rock 128. Water at 128.
Con VII " 10	F.Palinski	J.Anderson	May 15, 1967	6 1/2	16	15	8	"	D, S	Hard grey limestone 25. Water at 22.
Con VII " 12	S.Chen	S.Gill	Oct. 22, 1966	6 1/2	20	36	11	"	D	Sandy clay and stone 10; grey limestone 60. Water at 60.
Con VII " 18	Kirkwall Presbyterian Church	"	Sep. 14, 1966	6 1/2	8	83	35	"	D	Sandy clay with stones 20; limestone 93. Water from 90 to 93.
Con VII " 19	P.Dykman	W.Baird	Sep. 7, 1966	4	7	36	33	"	D, S	Previously drilled 40; grey limestone 67. Water at 65 and 67.
Con VII " 19	M.McQueen	S.Gill	Sep. 18, 1966	6 1/2	15	43	14	"	D	Brown clay and loose stone 4; limestone 53. Water from 50 to 53.
Con VII " 23	A.Lotapeich	Graham Well Drlg.	June 22, 1967	5	10	40	13	"	D	Topsoil 1; light brown rock 5; grey rock 34; light brown rock 40; grey rock 65; dark brown rock 79. Water at 79.
Con VII " 34	H.Stein	J.Anderson	May 26, 1965	6 1/2	12	12	12	"	C	Broken brown rock 10; limestone 62. Water at 61.

## WENTWORTH COUNTY - cont.

## Beverly Twp. - cont.

Con VII	lot 34	R. Harper	J. Rutten	Dec. 9, 1964	6 1/2	1 1/2	48	7	Fresh	D	Gravel loam 5; brown limestone 48. Water at 22 and 28.
Con VIII	" H	D. Larangeiro	S. Gill	Aug. 28, 1965	6 1/2	12	60	16	"	C	Clay stones 20; sand stones 53; grey rock 70. Water at 50 and 68.
Con VIII	" H	R. Hoekstra	G. Wallis	Oct. 24, 1966	6 1/2	20	65	35	"	D	Brown sand and gravel 45; blue clay 80; silt sand and clay 96; brown limestone 108. Water at 106.
Con VIII	" 1	W. Grimwood	W. Packham	July 20, 1966	6 1/2	30	25	18	"	D	Sandy clay 65; stones and clay 80; stones gravel in quicksand 90; gravel 92. Water at 92.
Con VIII	" 1	R. Darling	"	Aug. 6, 1966	5	30	25	12	"	D	Sandy clay with small stones 60; sand 85; stones 95; broken rock 98. Water at 98.
Con VIII	" 3	L. Boomer	"	Nov. 30, 1967	6 1/2	25	24	12	"	D	Clay with stones 30; shaly rock 42. Water at 42.
Con VIII	" 7	C. Reene	"	June 29, 1965	6 1/2	30	15	10	"	D	Stony clay with boulders 45; bedrock 47. Water from 45 to 46.
Con VIII	" 9	Renwick Constr	"	Sep. 23, 1967	6 1/2	15	65	6	"	D	Stony clay 59; limestone 73. Water at 70.
Con VIII	" 10	R. Hunter	C. Hill	Sep. 3, 1964	4	15	15	10	"	D	Clay 7; sliding rock 18; grey limestone 70. Water at 70.
Con VIII	" 10	J. & R. Hunter	J. Anderson	May 8, 1967	6 1/2	6	40	3	"	D	Grey limestone 45. Water at 40.
Con VIII	" 11	W. Burchett	S. Gill	Apr. 8, 1965	6 1/2	8	40	15	"	D	Blue clay 5; grey rock 50. Water from 40 to 48.
Con VIII	" 12	T. Pisa	"	Nov. 27, 1964	6 1/2	10	30	11	"	D	Blue clay and boulders 10; fine sand and clay 45; sand and gravel 51; rock 57. Water at 55.
Con VIII	" 14	D. Aitchison	McLaughlin Water Well & Supply	Mar. 14, 1967	5	10	45	20	"	D	Topsoil 2; grey rock 64. Water from 30 to 40.
Con VIII	" 15	R. Nelson	S. Gill	Oct. 5, 1966	6 1/2	2 1/2	60	24	"	D, S	Brown clay 2; grey rock 78. Water at 78.
Con VIII	" 16	J. Robertson	"	Aug. 12, 1966	6 1/2	9	41	6	"	D	Sand and clay 2; limestone 51. Water at 49.
Con VIII	" 19	W. Ball	J. Anderson	Sep. 16, 1967	6 1/2	20	16	16	"	D	Fill 3; grey limestone 37. Water at 35.
Con VIII	" 20	B. McGeechy	"	Aug. 27, 1964	6 1/2	15	20	20	Sulphur	D, S	Brown clay 5; limestone 46. Water at 42.
Con VIII	" 24	Preston Boy Scout Troop #4	H. Eddyvean	Sep. 25, 1965	5	15	10	8	Fresh	F	Topsoil 1; grey limestone 40. Water at 37.
Con VIII	" 25	J. Stephens	B. O'Connor	Mar. 10, 1966	6 1/2	15	20		"	D	Brown clay 2; sand and gravel 43; white limestone 54. Water at 51.
Con VIII	" 36	H. Milne	W. Packham	Aug. 6, 1964	6 1/2	15	145	115	"	D, S	Gravel and clay 20; sandy clay 65; boulders 70; sandy clay and gravel 115; stones and boulders 122; rock 153. Water at 150.
Con IX	" 1	J. Hogg	"	Nov. 11, 1965	7	30	105	95	"	D	Stones and gravel in sandy clay 15; sandy clay with some gravel 159; bedrock 168. Water at 165.
Con IX	lot 5	L. Jamison	W. Packham	Mar. 15, 1966	6 1/2	15	80	30	Fresh	D, S	Stone and gravel in clay 72; white limestone 100. Water at 97.
Con IX	" 9	W. Roth	S. Gill	July 24, 1964	6 1/2	25	19	12	"	D	Sandy clay 5; grey clay and stones 10; grey clay 35; sand and gravel 47; grey rock 50. Water at 50.
Con IX	" 9	H. Yerman	G. Wallis	Oct. 26, 1966	6 1/2	3	44	22	"	D	Gravelly brown clay 15; gravelly grey clay 45; sand gravel and stones 58. Water at 57.
Con IX	" 10	C. Weaver	B. O'Connor	May 7, 1967	6 1/2	15	15	8	"	P	Topsoil 3; fine sand 15; gravel boulders 23. Water at 15.
Con IX	" 16	B. Belmeier	"	June 28, 1966	6 1/2	30	18	14	"	D	Sandy loam clay and stone 15; sand and gravel in clay 36; rock 46. Water at 43.
Con IX	" 19	E. Davidson	"	Feb. 4, 1966	6 1/2	20	25	8	"	D	Stone and broken rock 3; limestone 35. Water at 32.
Con IX	" 22	Spencer Creek Cons. Authority	"	Oct. 28, 1965	6 1/2	20	40	11	"	S	Topsoil 1; broken shaly rock 3; white limestone 60. Water at 20 and 58.
Con IX	" 23	"	Cross Bros.	Sep. 27, 1967	6 1/2	10	20	10	"	P	Sandy loam and stones 13; mud and rock 39. Water at 35.
Con IX	" 23	"	"	Oct. 2, 1967	6 1/2	10	45	40	"	P	Sandy loam and stones 33; limestone 60. Water at 55.
Con IX	" 25	F. Spencer	S. Gill	Apr. 8, 1964	6 1/2	15	65	52	"	D	Dug well 50; silt 60; grey rock 83. Water at 75 and 80.
Con IX	" 25	S. Cardullo	B. O'Connor	Oct. 20, 1964	6 1/2	20	10	10	"	D	Topsoil 4; gravel 18; limestone 30. Water at 25.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
WENTWORTH COUNTY - cont.											
Beverly Twp. - cont.											
Con IX lot 28	L.Jamison	W.Packer	Jan.15,1964	6½	20	25	12	Fresh	S	Sandy loam with gravel 20;clay with gravel 28;soft white rock 40. Water at 37.	
Con IX " 32	M.Wigood	J.Anderson	June30,1967	6½	12½	20	13	"	D	Coarse gravel 10;fine sand 40;clay 75;black shale 80. Water at 79½.	
Con IX " 33	J.McEdwards	"	Aug. 1,1964	6½	7	29	16	"	D	Grey clay with streaks of gravel 29;limestone 46. Water at 42.	
Con IX " 33	R.Wise	"	Oct. 2,1967	6½	10	41	15½	"	D,S	Sand stones 10;sand and grey clay 50;black shale 57. Water at 55.	
Con X " 1	W.Miller	W.Packham	July 3,1964	6½	30	50	25	"	D	Stones and gravel 20;sandy clay 100;sand and gravel 105; gravel 108;bedrock 110. Water at 108.	
Con X " 3	L.Jamieson	F.Ince	Sep.13,1966	6½	25	30	13	"	P	Brown clay 15;sandy clay 63;gravel 70. Water at 70.	
Con X " 6	T.Kennaway	Graham Well Drlg.	Nov.29,1965	5	10	75	30	"	D	Topsoil 3;dark brown clay and stones 22;light brown clay and gravel 40;brown clay and stones 63;brown sand 75;light grey clay 96;dark grey rock 123;light brown rock 146. Water at 146.	
Con X " 7	A.Allen	J.Anderson	June30,1965	6½	10	40	40	"	D	Mixed clay and gravel 52. Water at 50.	
Con X " 7	F.Babb	G.Wallis	May 18,1967	6½	20	24	14	"	D	Brown sand gravel and boulders 34;gravelly blue clay 40; medium gravel 41. Water at 40.	
Con X " 19	Shaver Poultry Farms	C.Shantz	Feb.18,1964	7	20	22	10	"	S	Clay 18;grey rock 47. Water from 32 to 47.	
Con X " 19	"	Kerr's Well Drlg.	Apr.29,1966	7	40	14	6	"	S	Soft brown clay 33;grey limestone 66. Water at 65.	
Con X " 21	J.Cook	G.Wallis	Aug. 6,1966	6½	11	33	11	"	D	Gravelly brown clay 9;yellow clay sand gravel and stones 20; white limestone 47. Water at 45.	
Con X " 25	H.Leeman	B.O'Connor	Oct.15,1967	6½	10	6	6	"	"	D	Topsoil 1;limestone 20. Water at 17.
Con X " 28	P.Procee	J.Anderson	Nov.13,1967	6½	13½	38	29	"	D,S	Clay 5;grey stone 61. Water at 59.	
Con X " 33	R.Wise	"	Dec.21,1964	6½	7	25	10	"	D	Bedrock and grey limestone 35. Water at 10.	
Con X " 35	T.Smith	"	Sep.10,1965	6½	4	20	15	"	D	Clay gravel 8;grey rock 31. Water at 29.	
Con X " 35	R.Kelly	G.Wallis	Sep.25,1967	6½	20	35	11	"	D	Sand and gravelly brown clay 35;gravelly grey clay 54;fine gravel 56. Water from 54 to 56.	
Con X " 35	A.Williams	J.Anderson	Nov.17,1967	6½	15	24	18	"	D	Clay and stone 20;grey stone 34. Water at 30.	
Con X " 36	K.Edwards	Graham Well Drlg.	Apr.15,1964	4½	10	60	30	"	D,S	Dug well 34;brown gravel 38;brown sand 75;dark brown rock 110;grey rock 115. Water at 115.	
Con X " 36	S.Milosevic	J.Anderson	Oct.13,1966	6½	8	32	10	"	D	Brown clay with pebbles 35;gravel 47. Water at 47.	
Binbrook Twp. Block 1											
Con I lot 1	B.Campbell	S.Merritt	Oct.16,1965	6	15	18	14	Sulphur	D	Brown clay 8;Niagara rock 30. Water at 30.	
Con I " 4	L.Packham	W.Packham	July24,1965	6½	4	30	10	Fresh	D	Clay 21;limestone 35. Water at 30.	
Con I " 4	J.Wilkinson	E.Constable	May 23,1966	6½	10	20	10	"	D	Brown clay 4;blue clay and boulders 30;limestone 45. Water at 40.	
Con I " 5	A.McEvoy	W.Packham	July24,1965	7	30	20	16	"	S	Old pipe pulled, replaced. Clay 31;rock 36. Water at 34.	
Con I " 5	J.Lewis	Cross Bros.	May 19,1967	6½	20	20	5	"	D	Topsoil 1;brown clay 15;clay and boulders 34;limestone 41. Water at 40.	
Con II " 1	T.Zeitler	F.Merritt	Aug.23,1967	6½	10	30	20	Sulphur	D	Brown clay 12;grey limestone 37. Water at 35.	
Con II " 2	C.Breukelman	Cross Bros.	Sep.21,1964	6½	8	36	25	Fresh	D	Topsoil 1;brown clay 35;limestone 44. Water at 42.	
Con II " 2	G.Kubisch	F.Merritt	Mar. 3,1966	6½	10	20	15	"	D	Brown clay 25;blue clay 30;gravel and shale 33. Water at 33.	
Con II " 3	P.Hoffman	"	Sep.11,1965	6½	10	25	15	"	D	Brown clay 19;blue clay 26;grey shale 28. Water at 28.	
Con II " 3	S.Schoeman	F.Ince	Mar.11,1967	6½	10	30	15	"	D	Brown clay 10;blue stony clay 33;limestone 38. Water at 37.	
Con II " 3	A.Rougalski	"	Nov. 3,1967	6½	20	18	15	"	D	Brown clay 10;blue clay 19;limestone 29. Water at 27.	
Con II " 4	R.Lambert	F.Merritt	Apr. 5,1966	6½	10	15	8	"	D	Blue clay 20;grey limestone 27. Water at 26.	

## WENTWORTH COUNTY - cont.

## Binbrook Twp. - cont.

## Block 1 cont.

Con I	lot	4	R.Lambert	F.Merritt	Apr.13,1966	6 1/2	10	15	8	Fresh	D	Blue clay 20;grey limestone 33. Water at 32.
Con II	"	5	S.Marsh	S.Merritt	Mar. 9,1966	6 1/2	10	14	4	"	D	Clay and stones 14;shale 17;Niagara rock 26. Water from 22 to 26.
Con II	"	5	W.Topp	"	July17,1967	6 1/2	16	17	16	"	D	Clay and boulders 35;shale 36. Water at 36.
Con III	"	1	Binbrook Bldrs	F.Merritt	Sep. 4,1965	6 1/2	10	30	25	"	D	Brown clay 35;blue clay 42;grey shale 44. Water at 44.
Con III	"	1	R.McNeill	S.Merritt	Oct.28,1965	6 1/2	10	48	45	"	D	Clay and boulders 75;Niagara rock 78. Water at 78.
Con III	"	1	C.W.C. Developments Ltd.	Cross Bros.	June12,1967	6 1/2	8	55	30	"	D	Brown clay 32;grey clay 77;limestone 80. Water at 80.
Con III	"	5	W.Baker	"	May 15,1964	6 1/2	10	40	20	"	D	Topsoil 1;brown clay 20;grey clay 65;fine gravel 68. Water at 68.
Con IV	"	1	R.Ross	J.Wickett	June18,1966	5	16	39	39	"	D	Brown clay 20;blue clay 30;dirty gravel 83. Water at 83.
Con IV	"	1	W.Hogg	F.Merritt	July11,1967	6 1/2	10	35	23	"	D	Brown clay 40;clay and gravel 75;grey limestone 76. Water at 76.

## Block 2

Con I	lot	1	R.Mackenzie	S.Merritt	Nov.25,1964	6 1/2	15	23	22	"	D	Blue clay 31;grey shale 32;Niagara rock 41. Water at 35 and 41.
Con I	"	1	T.Balfour	Cross Bros.	Apr.29,1965	6 1/2	10	20	10	"	D	Brown clay 25;limestone 33. Water at 32.
Con I	"	1	A.McEvoy	W.Packham	May 13,1965	6 1/2	30	23	17	"	S	Clay 35;limestone 43. Water at 40.
Con I	"	1	R.Lambert	F.Merritt	Sep. 4,1966	6 1/2	10	25	20	"	D	Brown clay 12;blue clay 21;limestone 35. Water at 32.
Con I	"	1	A.Bragagnolo	G.Wallis	Apr.22,1967	6 1/2	20	18	8	"	D	Brown clay 16;grey clay 24;grey limestone 33. Water at 31.
Con I	"	1	Symroy Corp.	S.Merritt	June22,1967	6 1/2	16	14	12	"	D	Clay 23;Niagara rock 32. Water from 28 to 32.
Con I	"	1	A.Rogalski	F.Ince	July28,1967	6 1/2	4	35	20	"	D	Brown clay 10;blue clay 26;limestone 39. Water at 37.
Con I	"	3	A.Auerback	F.Merritt	Dec. 9,1966	6 1/2	5	25	18	"	D	Dug well 18;blue clay 42;grey limestone 45. Water at 44.
Con I	"	3	A.Pollock	"	June 6,1966	6 1/2	10	15	10	"	D	Blue clay 22;grey limestone 45. Water at 38.
Con I	"	3	E.Engel	"	Oct. 4,1967	6 1/2	10	15	12	"	D	Brown clay 25;blue clay 30;grey shale 31. Water at 31.
Con I	"	5	J.Gris	"	Apr. 8,1965	5	10	25	20	"	D	Blue clay 40;grey limestone 48. Water at 48.
Con I	"	5	A.Gris	"	June24,1965	5	10	25	20	"	D	Blue clay 43;grey limestone 47. Water at 46.
Con I	"	5	J.Gostley	G.Wallis	Aug. 2,1967	6 1/2	12	30	17	"	D	Brown clay 12;grey clay 30;grey limestone 40 1/2. Water at 38.
Con II	"	3	A.Rougaliski	F.Ince	Nov. 2,1967	6 1/2	3	32	20	"	D	Brown clay 10;blue clay 25;limestone 37. Water at 35.
Con II	"	3	T.Foster	Cross Bros.	Nov. 2,1965	6 1/2	8	27	25	"	D	Brown clay 26;fine gravel 27;limestone 33. Water at 32.
Con II	"	5	A.Martin	F.Merritt	Oct.28,1965	6 1/2	10	35	25	Sulphur	D	Brown clay 35;blue clay 45;grey limestone 52. Water at 50.
Con III	"	1	A.Alderson	F.Ince	July24,1965	6 1/2	20	45	36	Fresh	D	Drilled in basement 5;brown clay 10;blue clay 66;shale 67. Water at 64.
Con III	"	1	"	"	July26,1965	6 1/2	20	40	36	"	D	Drilled in basement 5;brown clay 10;blue clay 64;shale 65. Water at 65.
Con III	"	1	R.Lambert	F.Merritt	Oct. 7,1965	6 1/2	10	55	45	"	D	Blue clay 60;gravel and boulders 67;gravel and hardpan 70. Water at 70.
Con III	"	2	K.Switcher	"	June 9,1965	6 1/2	5	25	12	"	D	Blue clay 32;grey rock 38. Water at 36.
Con III	"	2	J.VanDerZanden	"	June 9,1965	6 1/2	10	25	20	"	D	Blue clay 39;grey limestone 41. Water at 41.
Con III	"	5	R.Lambert	"	Aug.14,1965	5	10	50	45	"	D	Brown clay 80;hardpan 81. Water at 81.

## Block 3

Con I	lot	4	J.Gostley	G.Wallis	Dec. 1,1967	6 1/2	25	20	9	"	D	Brown clay 15;grey clay 18;grey limestone 36. Water at 34.
Con I	"	5	W.House	"	Sep.27,1967	6 1/2	25	24	21	"	D	Brown clay 12;grey clay 25;brown limestone 35. Water at 34.
Con II	"	1	K.Sacherow	F.Ince	June29,1964	6 1/2	30	15	10	"	D	Brown clay 6;blue clay 18;limestone 29. Water at 26.
Con II	"	1	P.Hone	G.Wallis	June28,1965	6 1/2	4	22	12	"	D	Grey clay 20;grey limestone 36. Water at 35.
Con II	"	1	G.Cox	F.Ince	May 29,1967	6 1/2	12	47	12	"	D	Brown clay 8;blue clay 38;limestone 47. Water at 38.
Con II	"	2	H.Nicholls	S.Merritt	Dec. 4,1964	6 1/2	15	34	33	"	D	Blue clay 32;boulders and clay 46;shale 48. Water at 48.
Con II	"	2	S.Murphy	E.Constable	Sep.30,1965	5	8	35	12	"	D	Topsoil 3;brown clay 30;blue clay and boulders 40;coarse gravel 42. Water at 40.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Binbrook Twp. - cont.										
Block 3 cont.										
Con II lot 3	C.Tenpenny	E.Constable	Aug.15,1965	5	3	35	20	Fresh	D	Topsoil 3;brown clay 20;blue clay and boulders 38;limestone 40. Water at 38.
Con II " 4	J.Gostley	G.Wallis	Nov.30,1967	6 1/2	1	38	1 1/2	"	D	Brown clay 15;grey clay 19;grey limestone 43. Water at 38.
Con II " 5	N.Phillips	W.Packham	Sep.18,1966	6 1/2	7	35	15	"	D	Clay 11;limestone 38. Water at 35.
Con II " 5	A.Andrusevich	Cross Bros.	July 4,1964	6 1/2	8	20	15	"	D	Topsoil 1;brown clay 16;limestone 28. Water at 28.
Con II " 5	P.Ray	G.Wallis	Apr.18,1967	6 1/2	20	30	20	"	D	Brown clay 17;blue clay 48;fine gravel 50. Water at 49.
Con III " 1	G.Murphy	F.Merritt	Mar.30,1966	6 1/2	10	25	20	"	D,S	Brown clay 25;blue clay 48;grey limestone 49. Water at 49.
Con III " 2	R.Howard	E.Constable	Apr.28,1965	6 1/2	10	25	20	"	D	Brown clay 20;blue clay 78;hardpan 80;coarse gravel 82 1/2. Water at 80.
Con III " 2	L.Harbottle	F.Ince	Mar.15,1966	6 1/2	7	70	50	"	D	Brown clay 10;blue clay 69;limestone 77. Water at 76.
Con III " 3	J.Lageman	E.Constable	Dec. 7,1964	5 1/2	3	92	78	Sulphur	D	Topsoil 4;brown clay 20;blue clay 70;coarse gravel 75;limestone 98. Water at 84.
Con III " 3	M.VanDenBos	F.Merritt	June16,1966	6 1/2	10	25	20	Fresh	D	Brown clay 45;limestone 51. Water at 50.
Con III " 3	L.Klien	E.Constable	June21,1967	6 1/2	10	25	20	"	D	Topsoil 5;blue clay 35;limestone 38. Water at 36.
Con IV " 5	G.Baegerow Jr.	"	Oct.22,1966	5	3	60	30	"	D	Topsoil 4;brown clay 20;blue clay 70;coarse gravel 76. Water at 72.
Block 4										
Con I lot 1	C.Swayze	G.Wallis	Nov. 3,1966	6 1/2	4	41	22	"	S	Brown clay 14;grey clay 20;grey limestone 55. Water at 40 and 52.
Con I " 4	G.Bertolio	Cross Bros.	Mar. 8,1965	6 1/2	3	50	23	"	D	Topsoil 1;brown clay 35;limestone 53. Water at 52.
Con I " 5	S.Woytas	W.Packham	Aug.12,1964	6 1/2	20	50	36	Sulphur	D	Clay 60;sand and gravel 63;gravel 65. Water at 65.
Con I " 5	H.Lewis	"	Sep.18,1966	6 1/2	20	15	10	Fresh	D	Clay 16;limestone 25. Water at 23.
Con I " 5	R.McIlroy	E.Constable	June 8,1967	6 1/2	20	16	8	"	D	Topsoil 2;blue clay 16;limestone 40. Water at 25.
Con II " 5	E.Petri	F.Ince	Jan.16,1964	6 1/2	20	20	15	"	D	Brown clay 10;blue clay 25;limestone 30. Water at 30.
Con II " 5	W.Taylor	Cross Bros.	May 19,1964	6 1/2	5	20	15	"	D	Brown clay 26;limestone 29. Water at 29.
Con II " 5	A.Thompson	F.Ince	July24,1964	6 1/2	10	18	7	"	D	Brown clay 6;blue clay 21;gravel 21 1/2;limestone 24. Water at 21 1/2.
Con II " 5	L.Lenn	W.Packham	Aug. 8,1964	6 1/2	10	22	20	"	D	Clay topsoil 6;soft yellow loam 27;limestone 30. Water at 28.
Con II " 5	R.Dewar	"	Sep.28,1965	6 1/2	10	28	18	"	D	Clay 15;silty clay loam 27;bedrock 33. Water at 31.
Con II " 5	J.Rutherford	Cross Bros.	Nov. 5,1965	6 1/2	1	68	30	Sulphur	D	Brown clay 26;blue clay 37;limestone 68. Water at 64.
Con II " 5	A.Emberson	F.Ince	July15,1966	6 1/2	15	45	30	"	D	Brown clay 15;blue clay 33;limestone 65. Water at 64.
Con II " 5	D.Coombs	"	Sep.15,1966	6 1/2	10	50	25	"	D	Brown clay 10;blue clay 21;limestone 58. Water at 58.
Con III " 1	Binbrook Bldrs	F.Merritt	Nov.11,1964	6 1/2	10	45	30	Fresh	D	Brown clay 22;blue clay 67;clay and gravel 86;shale 87. Water at 87.
Con III " 1	M.Place	F.Ince	May 14,1965	6 1/2	15	70	47	"	D	Brown clay 15;blue clay 81;shale 82. Water at 82.
Con III " 1	Methodist Church House	E.Constable	Nov.20,1965	6 1/2	5	42	20	"	D	Brown clay 20;blue clay and boulders 80;coarse gravel 89. Water at 80.
Con III " 1	L.Roberts	F.Ince	July28,1967	6 1/2	15	75	65	"	D	Brown clay 15;blue clay 83;shale 85. Water at 85.
Con III " 2	A.Soules	"	Nov. 1,1967	6 1/2	1	63	30	"	D	Brown clay 12;blue clay 40;limestone 63. Water at 60.
Con III " 3	R.Denninger	S.Merritt	Mar.11,1965	5	16	49	48	"	S	Grey clay 68;Niagara rock 87. Water at 86.
Con III " 4	H.Lewis Bldr	W.Packham	May 12,1967	6 1/2	20	65	60	"	D	Clay 82;shale 83;rock 85. Water at 83.
Con III " 5	C.Dunbrack	W.Scriven	July 3,1964	6 1/2	3	32	25	"	D	Topsoil 4;brown clay 20;grey clay 37;limestone 56. Water at 56.
Con III " 5	D.Wilson	F.Merritt	May 7,1965	6 1/2	10	30	25	"	D	Blue clay 65;clay and boulders 71;limestone 85. Water at 84.
Con III " 5	D.Wicks	"	Apr. 7,1966	6 1/2	6	60	40	"	D	Brown clay 25;blue clay 75;grey limestone 93. Water at 76 and 93.

WENTWORTH COUNTY - cont.  
Binbrook Twp. - cont.  
Block 4 cont.

Con III	lot 5	H. Lewis	W. Packham	May 19, 1966	6 1/2	20	32	30	Fresh	D	Clay 51; shale 53; hard rock 54. Water at 53.
Con III	lot 5	R. Whitwell	E. Constable	Nov. 11, 1966	6 1/2	5	60	30	"	D	Topsoil 4; brown clay 20; blue clay 56; limestone 76. Water at 72.
Con III	" 5	H. Lewis Bldr.	W. Packham	Sep. 28, 1967	6 1/2	30	40	35	"	D	Clay 43; shale 44; solid rock 53. Water at 43.
Con IV	" 1	G. Goodman	F. Ince	Apr. 22, 1964	6 1/2	25	30	25	"	D	Brown clay 8; blue clay 60; shale 62. Water at 62.
Con IV	" 1	W. Tautz	W. Packham	Sep. 6, 1966	6 1/2	6	75	36	"	D	Clay 73; limestone 81. Water at 74.
Con IV	" 1	R. Newton	F. Ince	July 25, 1967	6 1/2	20	65	45	"	D	Brown clay 15; blue clay 83; shale 85. Water at 85.
Block 5											
Con I	lot 1	J. Booty	G. Wallis	July 8, 1965	6 1/2	18	29	16	"	D	Grey clay 19; grey limestone 43. Water at 42.
Con I	" 1	P. Jeppesen	Cross Bros.	Dec. 30, 1965	6 1/2	10	20	12	"	D	Black loam 4; brown clay 29; limestone 44. Water at 44.
Con I	" 1	G. Freeman	W. Packham	May 17, 1966	6 1/2	20	20	7	"	D	Clay 17; limestone 28. Water at 25.
Con I	" 3	L. Harbottle	E. Constable	Apr. 5, 1964	6 1/2	2	75	60	"	D	Topsoil 4; brown clay 28; limestone 80. Water at 75.
Con I	" 3	"	F. Ince	June 24, 1964	6 1/2	20	20	10	"	D	Brown clay 10; blue clay 21; limestone 33. Water at 30.
Con I	" 3	W. Held	"	Aug. 10, 1964	6 1/2	20	24	18	"	D	Brown clay 10; blue clay 25; limestone 39. Water at 30.
Con I	" 3	L. Harbottle	"	Oct. 28, 1964	6 1/2	5	55	25	"	D	Brown clay 10; blue clay 34; limestone 61. Water at 59.
Con I	" 3	C.W.C. Developments Ltd.	Cross Bros.	Jan. 22, 1965	6 1/2	10	22	15	"	D	Brown clay 24; limestone 30. Water at 28.
Con I	" 3	"	"	Jan. 27, 1965	6 1/2	8	42	33	"	D	Brown clay 22; grey clay 35; limestone 50. Water at 48.
Con I	" 3	"	"	July 27, 1965	6 1/2	10	30	25	"	D	Brown clay 20; grey clay 30; limestone 38. Water at 36.
Con I	" 3	J. Schoutsen	F. Ince	Aug. 16, 1965	6 1/2	3	50	30	"	D	Brown clay 10; blue clay 39; limestone 62. Water at 60.
Con I	" 3	G. Woutars	"	Dec. 8, 1965	6 1/2	10	40	30	"	D	Brown clay 6; blue clay 32; limestone 55. Water at 50.
Con I	" 3	C.W.C. Developments Ltd.	Cross Bros.	Feb. 25, 1966	6 1/2	8	30	20	"	D	Brown clay 28; limestone 36. Water at 35.
Con I	" 3	P. Hansen	"	Sep. 16, 1967	6 1/2	20	40	30	"	D	Brown clay 30; limestone 48. Water at 48.
Con II	" 3	J. Orasch	"	June 16, 1966	6 1/2	10	25	15	"	D	Brown clay 17; blue clay 23; limestone 31. Water at 30.
Con II	" 5	M. Graham	W. Packham	May 22, 1967	6 1/2	30	12	10	"	D	Soft clay 16; clay and gravel 17; shale 18; rock 19. Water at 18.
Con II	" 6	D. MacDonald	Cross Bros.	July 15, 1964	6 1/2	8	16	12	"	D	Brown clay 26; limestone 28. Water at 28.
Con II	" 6	V. Campbell	"	Sep. 13, 1965	6 1/2	5	40	25	"	D	Brown clay 17; blue clay 27; limestone 43. Water at 41.
Con II	" 6	K. Weston	"	July 30, 1966	6 1/2	10	50	35	"	D	Brown clay 25; blue clay 60; limestone 70. Water at 70.
Con II	" 6	R. Wilson	F. Ince	Nov. 28, 1966	6 1/2	5	45	25	Sulphur	D	Brown clay 10; blue clay 25; limestone 52. Water at 48.
Con II	" 7	W. Ludwig	"	May 18, 1965	6 1/2	20	20	15	Fresh	D	Brown clay 8; blue clay 30; limestone 37. Water at 35.
Con II	" 7	H. Soules	E. Constable	Nov. 30, 1966	6 1/2	5	38	30	Fresh	D	Topsoil 4; brown clay 15; stones 19; limestone 55. Water at 47.
Con III	" 5	A. Allison	Cross Bros.	Mar. 2, 1966	6 1/2	8	80	50	"	D	Topsoil 1; brown clay 22; grey clay 88; fine gravel 92. Water at 92.
Con III	" 5	VanHoeve Const. Ltd.	"	Apr. 23, 1966	6 1/2	3	80	40	"	D	Brown clay 23; grey clay 80; limestone 86. Water at 85.
Con III	" 6	Binbrook Builders	F. Merritt	Jan. 4, 1965	6 1/2	10	35	50	"	D	Blue clay 65; grey limestone 71. Water at 69.
Con III	" 6	H. Swayze	E. Constable	June 28, 1965	6 1/2	5	50	30	"	D	Topsoil 3; brown clay 30; blue clay 54; limestone 80. Water at 75.
Con III	" 6	H. Doehler	F. Merritt	May 2, 1966	6 1/2	10	35	25	"	D	Brown clay 15; blue clay 48; shale 50; limestone 56. Water at 55.
Con III	" 7	G. Granger	"	Apr. 5, 1965	6 1/2	5	40	25	"	D	Brown loam 20; blue clay 46; grey limestone 57. Water at 55.
Con III	" 7	G. Embours	E. Constable	June 19, 1965	6 1/2	10	21	10	"	D	Brown clay 15; blue clay 32; limestone 57. Water at 45 and 55.
Con III	" 7	J. Kozina	W. Packham	May 6, 1966	6 1/2	1	80	18	Fresh	D	Clay 33; limestone 87. Water at 45 and 85.
Con III	" 7	H. Lewis Bldr.	"	Apr. 8, 1967	6 1/2	1	90	30	"	D	Clay 47; limestone 90. Water at 50.
Con IV	" 7	R. Lambert	F. Merritt	Sept. 14, 1966	6 1/2	10	30	22	"	D	Brown clay 8; blue clay 72; grey limestone 83. Water at 82.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Binbrook Twp. - cont.										
Con VII lot 23	R.Hachey	F.Ince	Apr. 4, 1967	6 1/4	15	50	15	Fresh	D	Brown clay 15; blue clay 59; shale 60. Water at 60.
Con VII " 24	W.Tautz	W.Packham	Nov. 25, 1965	6 1/4	30	25	16	"	D	Clay 53; gravel 55. Water at 55.
Con VII " 24	"	F.Merritt	July 28, 1966	6 1/4	10	30	25	"	S	Brown clay 60; gravel 62. Water at 62.
Con VII " 28	VanHoeve Const	Cross Bros.	Oct. 12, 1966	6 1/4	10	50	40	Sulphur	D	Brown clay 40; blue clay 49; gravel 50; limestone 65. Water at 65.
Con VII " 29	K.Hanneman	"	Oct. 26, 1964	6 1/4	5	32	16	Fresh	D	Topsoil 1; brown clay 41; limestone 53. Water at 53.
Con VIII " 22	N.Dodd	F.Ince	May 26, 1967	6 1/4	20	30	20	"	D	Brown clay 15; blue clay 52; shale. Water at 52.
Con VIII " 26	W.May	"	Jan. 15, 1964	6 1/4	8	45	20	Sulphur	D, S	Brown clay 12; blue clay 42; limestone 51. Water at 45.
Con IX " 17	G.Berry	W.Packham	Aug. 8, 1966	6 1/4	7	60	35	Fresh	D, S	Clay 61; shaly rock 66. Water at 62.
Dundas Town										
Hopkins Court lot 12	R.Tomlinson	Hadco Well Digging Ltd.	Jan. 4, 1967	30	3	28	20	Fresh	D	Brown clay 8; red clay 20; gravel 22; red clay 26; blue sandy clay 30. Water at 20.
East Flamborough Twp.										
Con III lot 1	S.Debruin	G.Wallis	Dec. 3, 1964	6 1/2	6	22	6	Fresh	D	Brown clay and stones 6 1/2; broken limestone 9; grey limestone 36. Water at 22 and 35.
Con III " 2	B.Muckle	B.O'Connor	Nov. 9, 1966	6 1/2	3	30	10	"	D	Topsoil 2; brown soil 10; limestone 35. Water at 33.
Con III " 5	Village of Waterdown	S.Gill	Dec. 19, 1964	8	11 1/2	7	Flows	"	P	Sand and gravel 1; light grey clay 3; clay fine sand gravel and boulders 34; blue clay 41; grey and white fine and coarse sand fine gravel 46; fine and coarse sand and small red gravel 48; clay layer blue grey 49; white and grey sand and gravel 55; gravel sand and blue clay 70; shale 76. Water at 46 and from 49 to 55. Artesian.
Con III " 8	H.Smith	J.Ruttan	Feb. 26, 1964	6	1	53	22	Fresh	D	Fill 5; brown clay 16; grey limestone 36; blue shale 38; blue dolomite 46; green layer and hard shale 53. Water at 25 and 48.
Con III " 8	"	"	May 9, 1964	6 1/2	6	46	8	"	D	Fill 5; brown clay 11 1/2; grey limestone 36; blue dolomite 46. Water at 25 and 36.
Con III " 8	S.Murray	F.Ince	Sep. 16, 1964	6 1/2	20	30	25	"	D	Brown clay 15; blue clay 28; limestone 45. Water at 43.
Con III " 8	E.Schein	J.Ruttan	Mar. 30, 1965	6 1/2	4 1/2	40	3	"	D	Silt 5; grey limestone 25; blue shale 35; red shale 40. Water at 17.
Con III " 8	"	"	Apr. 1, 1965	6 1/2	4 1/2	42	5	"	D	Silt 8; grey limestone 23; blue shale 35; red shale 42. Water at 23.
Con III " 8	H.Smith	B.O'Connor	June 8, 1965	6 1/2	8	55	35	"	D	Topsoil 2; sandy gravel 33; limestone 65. Water at 60.
Con III " 8	"	"	July 15, 1965	6 1/2	6	30	20	"	D	Topsoil 3; grey soft shale 13; limestone 35. Water at 28.
Con III " 8	"	"	Sep. 2, 1966	6 1/2	2	50	12	"	D	Topsoil 2; brown clay 11; limestone 56. Water at 22.
Con III " 8	J.Pieper	Cross Bros.	Nov. 18, 1966	6 1/2	2	48	20	"	D	Topsoil 1; brown clay 14; limestone 45; blue shale 51. Water at 48.
Con III " 8	H.Smith	B.O'Connor	Oct. 11, 1967	6 1/2	5	40	8	"	D	Topsoil 2; blue clay 19; limestone 46. Water at 43.
Con III " 8	"	"	Dec. 2, 1967	6 1/2	5	30	15	"	D	Topsoil 2; brown clay 14; limestone 35. Water at 30.
Con III " 9	B.Owen	J.Ruttan	Feb. 23, 1964	6	1	47 1/2	11	"	D	Fill 7; brown clay 15; grey limestone 37; blue shale 38; blue dolomite 46; hard blue shale 47 1/2. Water at 22 and 37.



WENTWORTH COUNTY - cont.  
East Flamborough Twp.-

Con III	lot 9	C.R. MacComb, Waterdown Hotel J. Deuries	Hadco Well Digging W. Packham	Aug. 9, 1965	30	2	11	9	Fresh	C	Brown sand 8; fine gravel and sand 12; clay 14. Water from 8 to 12.
Con III	" 9			Aug. 8, 1967	6 1/2	1	90	20	"	D	Brown clay 27; limestone 70; grey shale 75; red shale 88; grey limestone 91. Water at 50.
Con III	" 10	Milden Developments Ltd.	Cross Bros.	Oct. 6, 1967	6 1/2	12	25	12	"	D	Brown clay 19; limestone 31. Water at 31.
Con III	" 10	"	"	Nov. 7, 1967	6 1/2	15	40	22	"	D	Brown clay 14; limestone 45; blue shale 51. Water at 44.
Con III	" 10	J. Robbie	"	Nov. 9, 1967	6 1/2	1 1/2	56	12	"	D	Brown clay 14; limestone 40; blue shale 55; red shale 58. Water at 48.
Con III	" 10	J. Kanciar Bldg	"	Nov. 10, 1967	6 1/2	15	40	22	"	D	Brown clay 30; limestone 48; blue shale 50. Water at 44.
Con III	" 10	C. & L. Drebenstedt	E. Constable	Nov. 7, 1967	6 1/2	4 1/2	70	15	"	D	Topsoil 4; sandy loam 9; limestone 46; blue shale 68; red shale 70. Water at 45.
Con III	" 10	G. Stavitzky	"	Nov. 28, 1967	6 1/2	3	25	15	"	D	Topsoil 5; brown sand loam 30; limestone 60; blue shale 70. Water at 48.
Con III	" 10	Kamstra Bros.	J. Rutten	May 17, 1967	6 1/2	3	62 1/2	19	"	D	Brown clay 20; grey clay 25; grey limestone 62 1/2. Water at 30 1/2.
Con III	" 10	"	"	May 15, 1967	6 1/2	10	37	25	"	D	Brown clay 24; grey clay 30; grey limestone 45. Water at 35 and 43.
Con III	" 10	A. Dover	G. Wallis	July 6, 1964	6 1/2	13	54	19	"	D	Brown clay 12; grey clay 26 1/2; grey limestone 54; blue rock 64. Water at 62.
Con III	" 10	Hambly Constr.	Cross Bros.	Sep. 4, 1964	6 1/2	5	34	12	"	D	Brown clay 28; limestone 38. Water at 36.
Con III	" 10	D. & C. Constr.	"	Oct. 18, 1965	6 1/2	3	60	25	"	D	Brown clay 20; blue clay 38; limestone 66. Water at 64.
Con III	" 10	"	"	Oct. 22, 1965	6 1/2	3	75	28	"	D	Brown clay 22; blue clay 40; limestone 80. Water at 76.
Con III	" 10	"	"	Nov. 11, 1965	6 1/2	10	15	8	"	D	Brown clay 22; limestone 28. Water at 27.
Con III	" 10	"	"	Nov. 8, 1966	6 1/2	15	30	15	"	D	Brown clay 30; limestone 37. Water at 36.
Con III	" 10	"	"	Nov. 12, 1965	6 1/2	10	15	8	"	D	Sandy loam 18; limestone 24. Water at 24.
Con III	" 10	"	"	Feb. 1, 1966	6 1/2	10	18	8	"	D	Sandy loam 16; limestone 23. Water at 23.
Con III	" 10	Hambly Constr.	"	Jan. 21, 1966	6 1/2	8	60	30	"	D	Topsoil 1; brown clay 18; blue clay 43; limestone 65; blue shale 73. Water at 70.
Con III	" 10	J. Robinson	F. Ince	Feb. 18, 1966	6 1/2	1 1/2	80	40	"	D	Brown clay 10; blue clay 44; limestone 80. Water at 70.
Con III	" 10	D. & C. Constr.	Cross Bros.	Feb. 15, 1966	6 1/2	10	25	15	"	D	Brown clay 33; limestone 38. Water at 38.
Con III	" 10	"	"	Feb. 10, 1966	6 1/2	10	22	15	"	D	Brown clay 29; limestone 33. Water at 32.
Con III	" 10	"	"	Feb. 9, 1966	6 1/2	3	75	30	"	D	Brown clay 25; blue clay 39; limestone 75; blue shale 78. Water at 70.
Con III	" 10	"	"	Feb. 4, 1966	6 1/2						Brown clay 30; grey clay 44; limestone 82; blue shale 90; red shale 100; blue shale 103. Dry hole.
Con III	" 10	"	"	May 9, 1966	6 1/2	10	18	10	Fresh	D	Sandy loam 13; limestone 22. Water at 22.
Con III	" 10	"	"	May 6, 1966	6 1/2	3	55	30	"	D	Brown clay 25; blue clay 36; limestone 63. Water at 60.
Con III	" 10	"	"	May 3, 1966	6 1/2	10	20	10	"	D	Sandy loam 20; limestone 25. Water at 24.
Con III	" 10	"	"	May 2, 1966	6 1/2	10	20	10	"	D	Sandy loam 18; limestone 27. Water at 26.
Con III	" 10	"	"	Apr. 29, 1966	6 1/2	5	50	28	"	D	Brown clay 42; limestone 60. Water at 58.
Con III	" 10	"	"	Aug. 4, 1966	6 1/2	20	18	8	"	D	Sandy loam 15; limestone 26. Water at 25.
Con III	" 10	"	"	Aug. 4, 1966	6 1/2	20	16	8	"	D	Sandy loam 12; limestone 25. Water at 23.
Con III	" 10	"	"	Aug. 8, 1966	6 1/2	5	45	20	"	D	Sandy loam 10; brown clay 25; limestone 50. Water at 48.
Con III	" 10	"	"	Aug. 10, 1966	6 1/2				"	D	Brown clay 40; limestone 65; blue shale 80; red shale 87. Dry hole.
Con III	" 10	"	"	Aug. 12, 1966	6 1/2	1	70	40	"	D	Brown clay 40; limestone 70; blue shale 74. Water at 65.
Con III	" 10	"	"	Sep. 13, 1966	6 1/2	5	40	20	"	D	Brown clay 27; limestone 43. Water at 42.
Con III	" 10	"	"	Sep. 15, 1966	6 1/2	4	60	30	"	D	Brown clay 30; limestone 63; blue shale 65. Water at 62.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
East Fiamborough Twp.-cont.										
Con III lot 10	D.&C.Constr.	Cross Bros.	Sep.15,1966	6 1/2	4	60	30	Fresh	D	Brown clay 30;limestone 63;blue shale 65. Water at 62.
Con III " 10	"	"	Nov.16,1966	6 1/2	5	50	30	"	D	Brown clay 37;limestone 62. Water at 60.
Con III " 10	H.Huisman Bldr	W.Packham	Mar. 9,1966	6 1/2	2	55	4	"	D	Clay 2;limestone 35;grey shale 50;red shale 55. Water at 25 and 50.
Con III " 10	L.Hamilton	F.Ince	May 24,1967	6 1/2	4	65	30	"	D	Brown clay 10;blue clay 34;limestone 70. Water at 60.
Con III " 10	D.&C.Constr.	Cross Bros.	May 27,1967	6 1/2	10	20	10	"	D	Brown clay 19;limestone 30. Water at 30.
Con III " 10	A.Murray	"	July10,1967	6 1/2	7	90	40	"	D	Old drilled well 67;mud 76;blue shale 100. Water at 98.
Con III " 10	J.Robbie	"	July18,1967	6 1/2	1	110	50	Salty	D	Clay and stones 17;limestone 40;blue shale 60;red shale 75; blue shale 115. Water at 110. Casing pulled.
Con III " 10	J.Kanciar Bldr	"	July20,1967	6 1/2	15	30	20	Fresh	D	Brown clay and stones 33;limestone 44;blue shale 49. Water at 46.
Con III " 10	Milden Dev.Ltd.	"	July22,1967	6 1/2	5	40	20	"	D	Brown clay 20;limestone 49. Water at 47.
Con III " 10	O.Stewart	"	July24,1967	6	10	90	40	"	D	Previously drilled well 80;soft mud 90;blue shale 103. Water at 100.
Con III " 10	Milden Dev.Ltd.	"	May 31,1967	6 1/2	1 1/2	75	32	"	D	Brown clay 42;limestone 80;blue clay 82. Water at 79.
Con III " 10	"	"	Aug.17,1967	6 1/2	2	70	30	"	D	Brown clay 33;limestone 70;blue shale 75. Water at 70.
Con III " 11	Schien Constr. Ltd.	"	July10,1964	6 1/2	10	30	20	"	D	Topsoil 1;brown clay 16;limestone 44. Water at 44.
Con III " 11	D. & C. Constr.	"	May 11,1965	6 1/2	3	70	40	"	D	Brown clay 39;limestone 70;blue shale 75. Water at 65.
Con III " 11	"	"	May 17,1965	6 1/2	3	75	40	"	D	Brown clay 44;limestone 75;blue shale 82. Water at 70.
Con III " 11	"	"	June 3,1965	6 1/2	4	75	36	"	D	Brown clay 32;fine gravel 36;grey clay 42;limestone 80. Water at 75.
Con III " 11	Mattiaccl Constr.	"	June16,1965	6 1/2	2	80	35	"	D	Brown clay 34;grey clay 44;limestone 80;blue shale 84. Water at 75.
Con III " 11	C.Hemrick	P.Ince	July 6,1965	6 1/2	3	40	0	"	D	Brown clay 10;blue clay 21;shale 48. Water at 44.
Con III " 11	D.&C.Constr.	Cross Bros.	Aug. 3,1965	6 1/2	12	36	30	"	D	Brown clay 22;grey clay 38;limestone 43. Water at 43.
Con III " 11	"	"	Aug. 4,1965	6 1/2	10	16	10	"	D	Brown clay 15;limestone 23. Water at 23.
Con III " 11	"	"	Sep.29,1965	6 1/2	2	70	35	"	D	Brown clay 20;grey clay 44;limestone 74. Water at 70.
Con III " 12	E.Sheppard	B.O'Connor	May 1, 1964	6 1/2	8	25	20	"	D	Topsoil 2;blue clay 11;limestone 40. Water at 45.
Con III " 12	J.Dydzak	"	Oct. 2,1964	6 1/2	15	10	10	"	D	Topsoil 4;limestone 30. Water at 20.
Con III " 13	Golfland	W.Packham	June 3,1965	6 1/2	15	60	9	"	Ir	Clay 15;bedrock 55;grey shale 65. Water at 45.
Con III " 13	Waterdown Ltd	Hadco Well Digging Ltd.	Aug. 9,1965	"	"	"	"	"	"	Previously dug well 10;brown clay 16;blue clay 25;brown clay 40;red shale. Dry hole.
Con III " 13	Naples Macaroni Co.Ltd.	"	"	"	"	"	"	"	"	Topsoil 3;shale 8;limestone 40;blue shale 42. Water at 35.
Con III " 13	Golfland Golf Course	Cross Bros.	Sep.27,1966	8	70	10	4	"	P	"
Con III " 13	S.Hill	"	Oct. 6,1966	6	4	28	14	"	D	Brown clay 18;limestone 29. Water at 25.
Con IV " 4	Starlite Homes	"	June 4,1964	6 1/2	10	30	15	"	D	Brown clay and boulders 27;limestone 48. Water at 45.
Con IV " 4	W.Ursel	J.Ruttan	Apr.12,1966	6 1/2	4	24	4	"	D	Brown clay 6;limestone 41. Water at 11, 19 and 24.
Con IV " 4	E.Rodney	B.O'Connor	Aug.22,1966	6 1/2	1 1/2	40	22	"	S	Topsoil 2;sandy gravel 11;limestone 42. Water at 22.
Con IV " 6	R.Hibberd	J.Ruttan	June28,1966	6 1/2	20	23	23	"	D	Brown sand 21;grey clay and boulders 37;layered limestone 41;grey limestone 49. Water from 35 to 44.
Con IV " 7	A.Agro	P.Ince	Feb.28,1964	6 1/2	5	36	10	"	D	Dug well 10;sandy clay 21;limestone 42. Water at 40.
Con IV " 7	A.Thompson	B.O'Connor	Mar. 6,1964	6 1/2	6	45	22	"	D	Topsoil 3;grey clay and boulders 40;blue shale 47. Water at 45.
Con IV " 7	"	P.Ince	May 16,1964	6 1/2	25	35	33	"	D	Brown clay 4;brown sandy clay 43;limestone 50. Water at 48.

WENTWORTH COUNTY - cont.  
East Flamborough Twp. - cont.

Con IV	lot 7	A. Thompson	P. Ince	May 17, 1964	6 1/2	20	39	35	Fresh	D	Brown clay 4; brown sandy clay 43; limestone 54. Water at 50.
Con IV	" 7	"	"	May 5, 1964	6 1/2	10	38	30	"	D	Brown clay 8; sandy clay 40; limestone 50. Water at 47.
Con IV	" 7	"	"	May 7, 1964	6 1/2	25	35	30	"	D	Brown clay 8; blue sandy clay 37; limestone 48. Water at 45.
Con IV	" 7	"	"	Aug. 5, 1964	6 1/2	20	42	40	"	D	Brown stony clay 10; blue stony clay 42; limestone 53. Water at 50.
Con IV	" 7	"	"	Aug. 6, 1964	6 1/2	20	39	37	"	D	Brown stony clay 10; blue stony clay 40; limestone 50. Water at 48.
Con IV	" 7	"	"	Sep. 25, 1964	6 1/2	15	38	35	"	D	Brown stony clay 10; blue stony clay 43; limestone 51. Water at 49.
Con IV	" 7	"	"	Sep. 26, 1964	6 1/2	10	42	40	"	D	Brown stony clay 8; blue stony clay 45; limestone 52. Water at 50.
Con IV	" 7	"	"	Dec. 1, 1964	6 1/2	40	42	38	"	D	Brown sandy clay 20; blue clay 41; shale 47; limestone 52. Water at 50.
Con IV	" 7	"	"	Dec. 4, 1964	6 1/2	20	40	38	"	D	Brown clay 12; blue clay 42; shale 46; limestone 52. Water at 50.
Con IV	" 7	"	"	Nov. 6, 1965	6 1/2	20	87	20	"	D	Brown clay 10; stony blue clay 36; limestone 87. Water at 60.
Con IV	" 7	"	"	Dec. 15, 1965	6 1/2	20	34	32	"	D	Brown clay 10; stony blue clay 38; limestone 47. Water at 43.
Con IV	" 7	"	"	Dec. 17, 1965	6 1/2	1 1/2	70	5	"	D	Sandy clay 26; limestone 70. Water at 60.
Con IV	" 7	"	"	Jan. 11, 1966	6 1/2	3	70	15	"	D	Brown clay 6; blue clay 29; limestone 70. Water at 60.
Con IV	" 7	"	"	Jan. 12, 1966	6 1/2	20	25	15	"	D	Brown clay 8; blue clay 27; limestone 40. Water at 38.
Con IV	" 7	"	"	Apr. 22, 1966	6 1/2	20	30	28	"	D	Brown clay 15; blue stony clay 31; limestone 42. Water at 40.
Con IV	" 7	"	"	Apr. 25, 1966	6 1/2	20	32	30	"	D	Brown clay 10; blue stony clay 35; limestone 46. Water at 43.
Con IV	" 7	"	"	July 29, 1966	6 1/2	15	32	14	"	D	Brown clay 10; blue stony clay 32; limestone 40. Water at 34.
Con IV	" 7	"	"	July 29, 1966	6 1/2	12	90	25	"	D	Brown clay 6; blue stony clay 35; limestone 92. Water at 60.
Con IV	" 7	"	"	June 14, 1966	6 1/2	20	40	38	"	D	Brown clay 15; blue stony clay 41; limestone 50. Water at 47.
Con IV	" 7	"	"	June 13, 1966	6 1/2	2 1/2	70	20	"	D	Brown clay 15; blue stony clay 32; limestone 70. Water at 60.
Con IV	" 7	"	"	June 9, 1966	6 1/2	1	75	25	"	D	Brown clay 12; blue stony clay 31; limestone 75. Water at 65.
Con IV	" 7	"	"	July 28, 1966	6 1/2	10	30	15	"	D	Brown clay 10; blue stony clay 30; limestone 41. Water at 30.
Con IV	" 7	"	"	Dec. 20, 1965	6 1/2	20	30	21	"	D	Brown clay 15; blue clay 28; rock 41. Water at 32.
Con IV	" 7	"	"	Nov. 3, 1965	6 1/2	20	41	38	"	D	Brown clay 10; blue stony clay 46; limestone 53. Water at 50.
Con IV	" 7	"	"	Nov. 4, 1965	6 1/2	15	40	33	"	D	Brown clay 10; blue stony clay 40; limestone 47. Water at 44.
Con IV	" 7	"	"	Jan. 9, 1964	6 1/2	3	38	30	"	D	Topsoil 2; fine grey clay with clay 35; grey clay 45; limestone 52. Water at 52.
Con IV	" 8	N. Taylor	W. Packham	Sep. 18, 1964	6 1/2	10	50	33	"	D	Topsoil 3; sand and gravel 35; quicksand 55; stones and gravel 58. Water at 58.
Con IV	" 8	C. Haverlag Bldr.	J. Rutten	Mar. 11, 1967	6 1/2	1 1/2	40	1	"	D	Silt 23; broken limestone 25; grey limestone 40. Water from 6 to 23 and at 32.
Con IV	" 9	R. Poirier	W. Packham	Jan. 17, 1964	6 1/2	25	60	45	"	D	Sandy clay 30; running sandy clay 45; muddy sand 65; clay and stones 74; shaly rock 80; rock 81. Water at 80.
Con IV	" 10	H. Huismon Bldr.	"	Oct. 26, 1966	6 1/2	20	60	55	"	D	Sandy clay 30; reddish brown muddy sand 65; grey clay in sand and gravel 71; bedrock 78. Water at 75.
Con IV	" 10	"	"	Apr. 11, 1967	6 1/2	15	60	37	"	D	Sandy clay 50; dirty sand 62; clay with stones 66; limestone 75. Water at 72.
Con IV	" 13	A. Dickson	"	June 30, 1965	6 1/2	15	25	11	"	D	Clay 29; sand and gravel in clay 30; limestone 38. Water at 36.
Con IV	" 13	Ont. Dept. of Highways	"	Oct. 29, 1966	6 1/2	2	80	6	"	D	Clay 30; hardpan 34; limestone 85. Water at 36 and 80.
Con IV	" 13	J. Couhetto	"	June 7, 1965	6 1/2	20	45	20	"	D	Sandy loam and clay 20; stones and gravel in clay 44; bedrock 50. Water at 47.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. East Flamborough Twp. Con IV lot 13	- cont. Imperial Mush- room Co. Ltd.	J. Ruttan	July 28, 1964	6	14	35	29	Fresh	In	Slightly sandy buff clay 20; grey clay 41; broken brown limestone 45; brown limestone 49; broken brown limestone 53. Water at 52.
Con V " 1	C. Haverlag Contr.	"	June 14, 1965	6 1/2	2 1/2	44	6	"	D	Silt and boulders 8; grey limestone 41; blue dolomite 44. Water at 41.
Con V " 1	W. Mead	"	July 31, 1965	6 1/2	10	41	13	"	D	Silt 3; broken limestone 35; blue dolomite 41. Water at 41.
Con V " 4	R. Poirier	W. Packham	Jan. 27, 1965	6 1/2	30	30	19	"	D	Sandy loam 29; hard clay and gravel 32; bedrock 44. Water at 40.
Con V " 4	"	"	Aug. 5, 1964	6 1/2	20	25	14	"	D	Sandy loam 32; limestone 40. Water at 37.
Con V " 6	J. Price	G. Wallis	Jun. 7, 1967	6 1/2	20	20	14	"	D	Brown sand and gravel 16; gravelly grey clay 26; brown limestone 36. Water at 34.
Con V " 7	J. Gollob Const. Ltd.	Cross Bros.	Apr. 14, 1964	6 1/2	5	50	45	"	D	Sandy loam 25; fine sand 60; fine gravel 65; limestone 72. Water at 70.
Con V " 7	M. Scott	"	Aug. 14, 1964	6 1/2	8	25	11	"	D	Sandy loam 15; sand 23; sand and gravel 40. Water at 40.
Con V " 8	C. Kalyon	"	Nov. 20, 1967	6 1/2	20	30	10	"	D	Sandy loam 20; fine sand 48; limestone 50. Water at 50.
Con V " 9	R. McCammon	W. Packham	Oct. 9, 1964	6 1/2	20	20	10	"	G	Sandy loam 20; sand 52; shaly rock 56; rock 62. Water at 60.
Con V " 9	H. Hopkins	J. Ruttan	Dec. 7, 1965	6 1/2	10	77	35	"	D	Dull red sand 41; grey sand and clay 63; layered limestone 67; brown limestone 77. Water at 75.
Con V " 10	M. Mako	G. Wallis	June 22, 1967	6 1/2	30	65	30	"	D	Brown sand 40; sand and gravelly grey clay 67 1/2; grey limestone 90. Water at 86.
Con V " 13	M. Kalyon	F. Ince	Aug. 25, 1965	6 1/2	20	35	20	"	D	Brown sandy clay 40; blue sandy clay 60; shale 75; rock 80. Water at 75.
Con V " 13	I. Wareing	W. Packham	Sep. 20, 1965	6 1/2	20	40	18	"	D	Excavation 4; sandy clay 55; clay and gravel and hardpan 60; limestone 63. Water at 60.
Con V " 13	E. Maidla	G. Wallis	July 6, 1966	6 1/2	3 1/2	66	30	"	D	Brown sandy soil 12; sandy grey clay 50; grey clay 61; sand and gravel and packed grey clay 67; grey limestone 80 1/2. Water at 75.
Con V " 13	N. Goodbrand	W. Packham	Oct. 27, 1966	6 1/2	30	50	6	"	D	Sandy clay 60; shale and limestone 65. Water at 62.
Con VI " 3	L. Fairhurst	F. Ince	Aug. 30, 1967	6 1/2	20	20	6	"	D	Brown stony clay 16; limestone 32. Water at 28.
Con VI " 5	Organ Bros.	S. Gill	Oct. 19, 1967	6 1/2	20	45	40	"	D, S	Sandy clay 18; sand 30; sandy clay 50; sand and gravel 61; rock 64. Water at 64.
Con VI " 7	J. VanHoeve Bldg Contr.	Cross Bros.	July 9, 1964	6 1/2	8	25	5	"	D	Sandy loam 6; sand and gravel 30; quicksand 40; limestone 44. Water at 44.
Con VI " 8	V. Housenec	B. O'Connor	Feb. 24, 1964	6 1/2	9	56	20	"	D	Brown clay 4; quicksand 72; coarse gravel 76. Water at 72.
Con VI " 8	Flamborough Centre Baptist Church	W. Packham	July 23, 1964	6 1/2	20	35	10	"	P	Dug well 14; sandy clay loam 52; shaly limestone 56. Water at 54.
Con VI " 8	E. Stronks	J. Ruttan	June 6, 1966	6 1/2	20	24	24	"	D	Sandy loam 31; dull red clay 50; grey gravel and clay 54; fine grey gravel 57 1/2. Water at 34, 54 and 57.
Con VI " 9	G. Ridgeway	"	Oct. 12, 1965	6 1/2	10	58	11	"	D	Brown sand 36; quicksand and grey clay 47; grey sand clay and gravel 58. Water from 16 to 36.
Con VI " 12	E. Shelton	W. Packham	Nov. 25, 1965	6 1/2	30	45	30	"	D	Basement 7; sandy clay 75; bedrock 88. Water at 83.
Con VI " 12	M. Goulden	Cross Bros.	Jan. 25, 1966	6 1/2	5	20	6	"	D	Brown clay 5; clay and boulders 23; limestone 28. Water at 28.
Con VI " 12	H. Friebe	J. Anderson	June 13, 1967	6 1/2	20	5	2 1/2	"	D	Brown clay with pebbles 22; black shale 24; grey limestone 37. Water at 35.
Con VI " 13	H. Cummins	"	Feb. 22, 1964	6 1/2	15	40	36	"	D	Dug well 30; quicksand and silty clay 88; grey limestone 94. Water at 92.

WENTWORTH COUNTY - cont.			East Flamborough Twp.			- cont.								
Con	VI	lot 13	L.Kolonics	G.Wallis	June 1, 1965	6½	30	60	45	Fresh	D	Brown sandy soil 70; grey clay 91; grey limestone 102. Water at 100.		
Con VI	"	13	Q.Shanchella	W.Packham	Oct. 18, 1965	6½	30	40	35	"	D	Sandy clay 87; bedrock 89. Water at 88.		
Con VI	"	13	F.Pckete	G.Wallis	Nov. 29, 1965	6½	25	50	38	"	D	Brown sandy soil 58; grey clay 81½; grey limestone 88. Water at 86.		
Con VI	"	13	K.Viirland	J.Anderson	Aug. 2, 1966	6½	15	5	4	"	C	Brown clay 6; quicksand 32; black shale 35. Water at 35.		
Con VII	"	3	E.Dekryger	J.Ruttan	Aug. 17, 1966	6½	20	14	14	"	D	Silt 8; boulders and gravel 25; layered limestone 28; grey limestone 33½. Water at 33.		
Con VII	"	3	B.Alderson	"	Dec. 26, 1967	6½	9	55	18	"	D	Brown sandy loam 17; sand gravel and boulders 22; sand and gravel 29; grey limestone 55. Water at 34 and 53.		
Con VII	"	5	D.Prodham	G.Wallis	Dec. 7, 1966	6½	22	23	10	"	D	Dug well 13; grey clay 20; grey limestone 36½. Water at 35.		
Con VII	"	7	R.Jackson	"	Aug. 10, 1966	6½	2	50	20	"	D	Dug well 17; gravelly grey clay 61; sand and fine gravel stones 63. Water at 62.		
Con VII	"	7	I.Christiansen	"	June 6, 1967	6½	4	70	28	"	D	Sandy brown clay 15; gravelly grey clay 68½; grey limestone 80. Water at 77.		
Con VII	"	8	D.&C.Constr.	Cross Bros.	Sep. 10, 1966	6½	10	20	8	"	D	Brown clay 11; limestone 27. Water at 25.		
Con VII	"	8	E.Flamboro Twp	W.Packham	June 12, 1967	6½	25	28	18	"	P	Stony clay 42; shaly rock 45; rock 56. Water at 50.		
Con VII	"	8	M.Milesii	"	July 3, 1967	6½	8	30	Flows	"	D	Stony clay 30; shaly rock 35; rock 47. Water at 39 and 45.		
Con VII	"	12	R.Butwick	"	Apr. 13, 1967	6½	6	35	12	"	D	Clay with stones 15; limestone 40. Water at 35.		
Con VII	"	13	W.Senson	"	Dec. 29, 1967	6½	20	30	4	"	D	Stony clay 16; shaly rock 40; solid rock 45. Water at 42.		
Con VIII	"	4	W.Brandis	J.Ruttan	Mar. 27, 1965	6½	15	50	40	"	D	Silt 2; yellow sand 11; reddish sand and gravel and boulders 31; sand and gravel 63; gravel sand and boulders 66; layered limestone 68; grey limestone 74. Water at 40 to 66 and at 70.		
Con VIII	"	4	T.Ramshaw	"	May 3, 1965	6½	1	64	28	"	D	Sand 44; sand gravel and boulders 47; layered limestone 49½; limestone 62½; blue shale 64. Water at 51½.		
Con VIII	"	4	J.Rucker	"	July 27, 1966	6½	10	11	7	"	D	Sand and gravel 7; sand 14; gravel and some clay 19; grey limestone 40. Water at 39.		
Con VIII	"	4	H.Huismon	W.Packham	Sep. 24, 1966	6½	15	75	50	"	D	Stones boulders and gravel in clay 45; sand and gravel 55; hardpan 75; limestone 89. Water at 77 and 87.		
Con VIII	"	4	A.Morris	J.Ruttan	Dec. 27, 1966	6½	10	84½	36	"	D	Boulders and gravel 60; limestone layers 63; grey limestone 84½. Water at 79.		
Con VIII	"	4	R.Harrington	"	Jan. 9, 1967	6½	10	55	35	"	D	Sand gravel and boulders 64; grey limestone 70. Water at 64.		
Con VIII	"	4	J.Huisman Bldr.	W.Packham	Mar. 17, 1967	6½	20	40	25	"	D	Stone and boulders in red clay 35; hardpan with coarse gravel 52; limestone 63. Water at 60.		
Con VIII	"	4	H.Huismon	"	Apr. 12, 1967	6½	15	30	17	"	D	Clay and stones 20; clay and gravel 35; sand 39; gravel 40. Water at 40.		
Con VIII	"	5	"	"	Apr. 9, 1964	6½	10	40	11	"	D	Sand and gravel in loam 20; sandy clay stones and boulders 32; limestone 58. Water at 22.		
Con VIII	"	5	W. Miller	Cross Bros.	May 13, 1965	6½	10	30	20	"	D	Topsoil 1; sandy loam 20; sand and gravel 45; fine gravel 40. Water at 49.		
Con VIII	"	5	H.Huismon	J.Ruttan	June 19, 1965	6½	5	39	7	"	D	Sand 8; sand and gravel 15; flag stone 24; grey limestone 39. Water at 17 to 24 and at 37.		
Con VIII	"	5	M.Bernard	"	Aug. 4, 1965	6½	3	50	13	"	D	Brown sand 12; grey clay and gravel 24; flagstone 35; grey limestone 50. Water at 49.		
Con VIII	"	5	W.Alderson	"	Dec. 23, 1965	5	6	73	38½	"	D	Gravel and boulders 58; broken limestone 60; grey limestone 73. Water at 65.		

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)	
WENTWORTH COUNTY - cont.											
East Flamborough - cont.											
Con VIII lot 5	H. Einsmon	W. Packham	July 13, 1966	6 1/2	20	35	25	Fresh	D	Muddy sand 45; sand gravel in soft clay 55; stones gravel and shale 57. Water at 57.	
Con VIII " 5	"	"	Nov. 1, 1966	6 1/2	10	30	14	"	D	Sand 10; sandy clay with small stones 30; large boulder 33; gravel. Water at 33.	
Con VIII " 5	L. Hamilton	F. Ince	June 9, 1967	6 1/2	15	14	7	"	D	Brown stony clay 19; coarse gravel 21. Water at 21.	
Con VIII " 5	B. Veriney	W. Packham	July 18, 1967	6 1/2	20	29	27	"	D	Stone and gravel in clay 15; clay 35; gravel and stones 43. Water at 43.	
Con VIII " 5	H. Huismen	"	Aug. 12, 1967	6 1/2	12	30	14	"	D	Sandy loam 10; stones and boulders in clay 33; sand and gravel 35. Water at 35.	
Con VIII " 6	VanDeHouve Const.	J. Ruttan	Oct. 16, 1964	6 1/2	10	22	15 1/2	"	D	Sand and gravel 14; sand gravel and boulders 28. Water from 15 to 28.	
Con VIII " 6	VanHoeve Const	"	June 1, 1965	6 1/2	10	22	14	"	D	Sand 6; sand and gravel 16; broken limestone 18; grey limestone 47 1/2. Water at 44.	
Con VIII " 6	J. Huismen Bldr	W. Packham	Aug. 16, 1967	6 1/2	30	18	16	"	D	Sand loam 8; clay and some stones 27; bedrock 34. Water at 31.	
Con VIII " 7	J. Bennett	"	May 10, 1965	6 1/2	20	45	38	"	D	Sandy clay 40; sand and gravel 65; gravel 68. Water at 68.	
Con VIII " 7	VanHoeve Const	J. Ruttan	June 4, 1965	6 1/2	10	20	15	"	D	Sand and gravel 13; broken limestone 15; grey limestone 39 1/2. Water at 27 and 35.	
Con VIII " 7	J. Melko Bldr	Cross Bros.	July 27, 1967	6 1/2	10	35	22	"	D	Brown clay and stone 50; coarse gravel 52. Water at 52.	
Con VIII " 7	A. McCartney	J. Ruttan	June 21, 1965	6 1/2	7	37	7	"	D	Fill 6; flag stone 12; grey limestone 37. Water at 20 and 36.	
Con VIII " 10	S. Annasontini	W. Packham	Aug. 1, 1964	6 1/2	20	25	15	"	D	Stones and clay 24; limestone 60. Water at 56.	
Con VIII " 11	P. Groen	"	Dec. 9, 1967	6 1/2	25	40	15	"	S	Clay with small stone 10; shale 12; limestone 59. Water at 35 and 55.	
Con VIII " 12	R. Poirier Bldr	"	July 28, 1965	6 1/2	20	35	11	"	D	Stony clay 15; shale 20; rock 45. Water at 43.	
Con VIII " 12	"	"	Feb. 24, 1967	6 1/2	30	10	5	"	"	D	Clay with stones 16; bedrock 46. Water at 43.
Con VIII " 13	Leyen Bros.	Graham Well Drlg	Mar. 10, 1964	5	15	20	7	"	D, S	Clay topsoil 4; broken shale 22; light grey rock 48; very light grey rock 78; dark grey rock 80. Water at 48 and 78.	
Con VIII " 13	J. Royle	E. Pegg	June 22, 1965	6 1/2	15	11	8	"	D	Topsoil 3; clay and boulders 9; boulders 12; clay 14; limestone 19. Water at 18.	
Con VIII " 13	R. Poirier	W. Packham	May 16, 1966	6 1/2	20	6	4	"	D	Stony clay 18; shale and limestone 20. Water at 20.	
Con VIII " 13	R. Winters	Cross Bros.	Nov. 23, 1966	6 1/2	10	15	8	"	D	Topsoil 2; stone and boulders 18; fine gravel 21. Water at 21.	
Con VIII " 13	D. Harper	W. Packham	May 25, 1967	6 1/2	30	12	7	"	D	Stony clay 20; bedrock 30. Water at 27.	
Con VIII " 13	R. Poirier	"	Aug. 19, 1967	6 1/2	30	6	4	"	D	Sandy clay 10; gravel in clay 17; gravel 19; shale 21. Water at 20.	
Con IX " 1	C. Vandendrock	G. Wallis	Dec. 15, 1966	6 1/2	14	27	10	"	D	Brown gravelly clay and stones 18; brown sand and gravelly clay 31; yellowish brown limestone 41. Water at 39.	
Con IX " 1	P. Footman	B. O'Connor	Oct. 15, 1966	6 1/2	5	30	15	"	D	Sand and gravel 29; limestone 33. Water at 31.	
Con IX " 1	H. Huismen	W. Packham	May 10, 1966	6 1/2	8	30	10	"	D	Clay loam and some stone 17; white limestone 34. Water at 20 and 30.	
Con IX " 5	C. Wright	B. O'Connor	Sep. 17, 1966	6 1/2	8	26	22	"	D	Sand and gravel 38. Water at 38.	
Con IX " 5	E. Colwill	J. Ruttan	Oct. 22, 1966	6 1/2	5	86	43	"	D	Dull red sand gravel and boulders 63; layered limestone 69; grey limestone 86. Water at 43 to 63 and at 83.	
Con IX " 5	A. VerHoeven Bldr	Cross Bros.	Oct. 5, 1967	6 1/2	10	45	40	"	D	Brown clay and stones 44; limestone 49. Water at 49.	
Con IX " 6	T. Munro	W. Packham	Sep. 25, 1965	6 1/2	30	35	23	"	D	Sandy loam and clay 30; gravel in sandy clay 55; bedrock 79. Water at 70.	

## WENTWORTH COUNTY - cont.

East Flamborough Twp. -		cont.											
Con IX	lot 7	P. Barton	F. Ince	May 4, 1964	6 1/2	10	45	23	Fresh	D	Brown clay 8; sandy clay 18; limestone 53. Water at 50.		
Con IX	" 7	R. Poirier	W. Packham	Feb. 12, 1966	6 1/2	30	50	28	"	D	Sandy clay with stone 20; muddy sand 65; rock 68. Water at 67.		
Con IX	" 7	J. Huismen	"	Oct. 25, 1966	6 1/2	20	30	27	"	D	Sandy clay some stones 30; muddy sand 40; sand and gravel 48. Water at 48.		
Con IX	" 7	D. Currie	"	Sep. 25, 1967	6 1/2	30	30	18	"	D	Sandy clay 48; white limestone 60. Water at 58.		
Con IX	" 8	C. Reid	J. Rutten	Aug. 10, 1964	6 1/2	15	6	3 1/2	"	D	Sand 14; boulders and sand 22; red quicksand 29; grey clay and gravel 38; grey clay, gravel and small boulders 41; blue limestone 50. Water at 48 1/2.		
Con IX	" 8	J. Gray	"	Aug. 13, 1964	6 1/2	8	53	8	"	D	Silt 28; grey clay 36; clay and gravel 46; small boulders clay and gravel 48; layered limestone 53. Water at 51.		
Con IX	" 8	P. Bayfield	"	July 25, 1966	6 1/2	10	12	8	"	D	Dug well 10; fine sand 21; gravel and clay 31; grey limestone 36. Water at 34.		
Con IX	" 10	C. Weaver	B. O'Connor	July 30, 1964	6 1/2	20	13	13	"	D	Topsoil 3; blue clay 10; gravel 25. Water at 25.		
Con IX	" 10	"	"	May 7, 1967	6 1/2	15	15	8	"	P	Topsoil 3; fine sand 15; gravel and boulders 23. Water at 15.		
Con IX	" 10	"	"	July 10, 1967	6 1/2	5	35	10	"	P	Topsoil 3; fine sand 15; gravel and boulders 30; limestone 39. Water at 35.		
Con IX	" 11	J. Hamilton	J. Rutten	Nov. 11, 1965	6 1/2	15	21	8	"	D, S	Sand and gravel 23; grey clay 25; layered limestone 27; grey limestone 38. Water at 34.		
Con IX	" 11	T. Stevenson	J. Anderson	Oct. 24, 1967	6 1/2	18	14	12	"	D	Clay with stone 21; grey limestone 32. Water at 28.		
Con IX	" 13	G. Heatherington	J. Rutten	Sep. 12, 1966	6 1/2	5	64	10	"	D	Brown clay 12; grey clay 34; grey clay and pebbles 57; grey limestone 64. Water at 62.		
Con IX	" 13	J. Lacz	J. Anderson	July 29, 1967	6 1/2	12	38	38	"	D	Fine sand 25; fine gravel 40; grey sand with clay 59; brown limestone 70. Water at 67.		
Con IX	" 13	Z. Stiporski	W. Packham	Aug. 26, 1967	6 1/2	25	45	39	"	D	Stony clay 15; sand and gravel in soft clay 67; buff colour limestone 73. Water at 70.		
Con X	" 1	J. Huismen	"	Nov. 4, 1967	6 1/2	30	45	27	"	D	Top clay 2; broken rock 4; solid rock 58. Water at 55.		
Con X	" 2	R. Rusk	B. O'Connor	July 20, 1967	6 1/2	12	33	27	"	D	Topsoil 2; sand and boulders 24; limestone 40. Water at 36.		
Con X	" 6	Dr. A. Johnson	W. Packham	July 31, 1967	6 1/2	25	15	7	"	D	Stones 3; bedrock 30. Water at 28.		
Con X	" 7	W. McArthur	J. Rutten	Feb. 15, 1965	6 1/2	15	31	18	"	D, S	Dug well 22; grey limestone 41. Water at 26 and 36.		
Con X	" 7	E. Thurston	"	Mar. 28, 1966	6 1/2	15	22	19 1/2	"	D	Light clay loam 14; grey limestone 42. Water at 41.		
Con X	" 8	D. Lyons	"	Oct. 26, 1967	6 1/2	15	12	9	"	D	Silt 5; broken limestone 16; grey limestone 31. Water at 29.		
Con X	" 13	P. Kadarhi	W. Packham	Sep. 8, 1966	6 1/2	20	70	45	"	D	Stones and gravel in clay 27; limestone 95. Water at 93.		
Con XI	" 1	V. Muller	J. Rutten	Aug. 14, 1965	6 1/2	10	39	19	"	D	Clay boulders and gravel 18; grey limestone 39. Water at 24 and 35.		
Con XI	" 1	F. Smith	"	May 29, 1967	6 1/2	20	16	2	"	D	Silt 17; boulders and gravel 12; blue dolomite 36; very soft dull red rock 38. Water at 17, 36 to 38.		
Con XI	" 1	K. Groal	"	Dec. 30, 1967	6 1/2	7	39	11	"	D	Sand and boulders 8; broken limestone 9; grey limestone 39. Water at 29 and 37.		
Con XI	" 5	J. Gauins	J. Anderson	May 8, 1964	6 1/2	10	25	25	"	D	Soft limestone 10; limestone 52. Water at 50.		
Con XI	" 8	A. Waller	W. Packham	May 8, 1964	6 1/2	20	96	95	"	D	Brown clay loam 12; grey clay 20; clay with gravel 105; limestone 150. Water at 147.		
Con XI	" 8	W. Gruenberg	J. Anderson	Oct. 7, 1966	6 1/2	12	24	15	"	D	Fill 4; grey limestone 45. Water at 40.		
Con XI	lot 8	R. Challinor	W. Packham	Apr. 15, 1967	6 1/2	9	45	15	Fresh	D, S	Sandy loam 8; clay and stones 15; limestone 50. Water at 40.		
Con XI	" 8	H. Huismen Bldr.	"	May 16, 1967	6 1/2	20	14	8	"	D	Sand fill 4; stones in clay 14; shaly rock 17; rock 37. Water at 35.		
Con XI	" 8	"	"	Aug. 18, 1967	6 1/2	30	30	18	"	D	Stony fill 5; clay with gravel 12; bedrock 53. Water at 50.		
Con XI	" 12	E. Manto	Cross Bros.	Apr. 5, 1967	6 1/2	10	25	12	"	D, S	Sand and gravel 17; limestone 34. Water at 32.		
Con XII	" 2	P. Chester	W. Packham	May 7, 1966	6 1/2	5	60	25	"	D	Clay loam with gravel and stones 25; bedrock 68. Water at 55.		



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
East Flamborough Twp. - cont.										
Con XII lot 7	R.Harris	J.O'Rourke	Apr. 5, 1965	6	20	20	3	Fresh	D	Brown sandy gravel 3;limestone 51. Water from 25 to 48.
Con XII " 7	A.Webb	J.Anderson	May 17, 1967	6 1/2	17 1/2	13	10	"	D	Clay and stone 11;grey limestone 29. Water at 26.
Con XII " 7	R.Maher	"	June 9, 1967	6 1/2	14	10	8	"	D	Brown clay 3;grey limestone 32. Water at 30.
Con XII " 11	D.Drown	Cross Bros.	Aug. 2, 1965	6 1/2	10	45	20	"	D	Sandy loam 11;limestone 55. Water at 48.
Con XII " 12	H.Huisman	W.Packham	July 11, 1966	6 1/2	30	12	8	"	D	Sandy clay and gravel 15;limestone 28. Water at 26.
Con XII " 12	J.Deuries	"	July 15, 1966	6 1/2	30	10	4	"	D	Stones & sandy clay 10;sand and gravel 28;sand and gravel 30. water at 30.
Con XII " 12	H.Huisman	J.Anderson	Nov. 22, 1967	6 1/2	20	6	3 1/2	"	D	Brown clay with stone 28;brown limestone 33. Water at 32.
Con XIII " 1	H.Small	J.Ruttan	Oct. 7, 1966	6 1/2	6	47	14	"	D	Light brown silt and boulders 17;grey clay and boulders 29; grey limestone 47. Water at 34 and 45.
Glanford Twp.										
Con I lot 1	Brouwer Bros.	H.Johnson	May 20, 1965	24	5	25	17	Fresh	D	Hardpan and stone 32;sand 35. Water from 32 to 35.
Con I " 1	E.Sojka	"	Sep. 25, 1965	24	5	10	4	"	D	Brown clay 12;blue hardpan 25;blue clay and silt 30;hard blue clay and gravel 38. Water at 38.
Con I " 1	A.Maslinkowski	"	May 4, 1966	36	1		4	"	D	Brown sandy loam 6;blue hard clay 36;coarse grey sand 39. Water at 36.
Con I " 1	D.Patterson	Hadco Well Drlg. & Digging Ltd.	June 26, 1967	30	3	34	28	"	D	Topsoil 1;brown clay 12;grey clay 28;grey sand 38. Water at 28.
Con I " 4	Mike's custom Built Homes	Cross Bros.	July 27, 1964	6 1/2	1	90	15	"	D	Sandy loam 15;brown clay 26;grey clay 56;limestone 92. Water at 80.
Con I " 6	A.Alderson	F.Ince	Aug. 1, 1964	6 1/2	50	75	35	"	D	Drilled in basement 5;brown clay 10;blue clay 58;limestone 75. Water at 74.
Con I " 6	"	"	Oct. 29, 1964	6 1/2	2	82	45	"	D	Brown clay 10;blue clay 64;limestone 82. Water at 80.
Con I " 6	C.Elais	"	Apr. 15, 1965	6 1/2	1	84	40	"	D	Brown clay 8;blue clay 65;limestone 84. Water at 80.
Con I " 6	A.Alderson	"	Jan. 20, 1966	6 1/2	1	75	35	"	D	Brown clay 10;blue clay 51;limestone 75. Water at 73.
Con I " 6	L.Harbottle	"	Apr. 30, 1966	6 1/2	20	40	35	"	D	Brown clay 10;blue clay 67;limestone 79. Water at 78.
Con I " 6	P.Brouwer	"	Mar. 31, 1967	6 1/2	1	70	40	"	D	Brown clay 10;blue clay 64;limestone 76. Water at 74.
Con I " 7	C.Dunbrack	W.Scriven	Dec. 4, 1964	6 1/2	3	55	30	"	D	Topsoil 4;brown clay 25;coarse sand 32;grey clay 48;limestone 80. Water at 80.
Con I " 9	J.Zizek	E.Constable	May 4, 1967	6 1/2	15	40	20	"	D	Topsoil 4;brown clay 15;blue clay 20;limestone 58. Water at 55.
Con I " 11	CWC Developments Ltd.	W.Scriven	July 21, 1964	5	3	36	22	"	D	Topsoil 2;brown clay 15;blue clay 37;limestone 52. Water at 52.
Con I " 11	J.Micklos	E.Constable	Oct. 31, 1964	5 1/2	5	40	35	"	D	Topsoil 4;brown clay and rough boulders 42;coarse gravel 46. Water at 43.
Con I " 11	R.Kee	"	May 5, 1967	6 1/2	20	35	20	"	D	Topsoil 4;brown clay 20;blue clay 40;red shale 46. Water at 42.
Con I " 16	M.Babula	Cross Bros.	Mar. 7, 1966	6 1/2	6	40	25	"	D	Brown clay 19;limestone 49. Water at 48.
Con II " 1	A.Maslinkowski	H.Johnson	Oct. 27, 1964	36	4	15	10	"	D	Hard brown clay 5;grey sandy clay 14;gravel 15;hard grey clay 17. Water at 14.
Con II " 1	"	"	Oct. 31, 1964	36	5	15	5	"	D	Brown sandy loam 5;grey sand and hardpan 20;grey hardpan and stone 30;sand 32. Water at 32.

## WENTWORTH COUNTY - cont.

Glanford Twp. - cont.

Con II	lot 1	K.Drysdale	H.Johnson	Sep. 8, 1966	48	5	17	10	Fresh	D	Hardpan and clay 28; medium coarse sand 32. Water at 32.
Con II	" 1	A.Maslenkowski	"	Mar. 25, 1966	36	10		4	"	D	Brown sand and clay 10; hardpan and stone 37; coarse sand 40. Water at 37.
Con II	" 1	W.Jewell	"	May 29, 1967	36	3		3	"	D	Sandy silt 3; silt and clay layers 15; hard blue clay and stone 33; grey sand 36. Water at 33.
Con II	" 2	S.Koning	Cross Bros.	Nov. 12, 1964	5	1	118	40	"	D	Sandy loam 28; quicksand 101; limestone 120. Water at 115.
Con II	" 3	F.Dorr	P.Ince	June 21, 1966	64	2	100	35	"	D, S	Brown clay 12; blue clay 74; limestone 105. Water at 95.
Con II	" 3	Cohoe Constr.	H.Johnson	May 29, 1967	36	25		18	"	D	Sandy clay 15; hard blue clay with small stones 29; gravel 30. Water at 15 and 29.
Con II	" 5	M.Cogini	Hadco Well Digging Ltd.	Sep. 8, 1965	30	1		22	"	D	Black topsoil 2; brown clay 14; blue clay and marl 22; blue marl 31. Water at 22.
Con II	" 6	A.Gillan	P.Ince	Aug. 21, 1965	64	10	90	40	"	D	Brown clay 15; blue clay 51; limestone 90. Water at 85.
Con II	" 9	L.Drebenstedt	Cross Bros.	Sep. 15, 1964	64	2	70	17	"	D	Brown clay 31; limestone 70. Water at 50.
Con II	" 9	B.Anderson	P.Ince	Oct. 17, 1966	64	3	60	20	Sulphur	D	Brown clay 10; blue clay 22; limestone 70. Water at 68.
Con II	" 10	D.Koning	Cross Bros.	Feb. 6, 1965	64	2	65	30	Fresh	D	Brown clay 28; limestone 69. Water at 65.
Con II	" 10	CWC Develop- ments Ltd.	"	Feb. 12, 1965	64	10	40	30	Sulphur	D	Brown clay 22; limestone 55. Water at 54.
Con II	" 10	S.Elzinga Bldr.	"	Feb. 17, 1965	64	3	50	15	Fresh	D	Brown clay 25; limestone 61. Water at 55.
Con II	" 10	C.Drebenstedt	E.Constable	Nov. 1, 1966	5	5	40	25	"	D	Topsoil 4; brown clay 30; limestone 60. Water at 54.
Con II	" 10	H.Pederson	Cross Bros.	Jan. 24, 1967	64	5	35	20	"	D	Brown clay 32; limestone 48. Water at 46.
Con II	" 10	G.Aquino	P.Ince	July 21, 1966	64	4	50	25	"	D	Brown clay 10; blue clay 25; limestone 60. Water at 50.
Con II	" 11	Starlite Homes Ltd.	Cross Bros.	June 1, 1964	64	1	70	20	"	D	Brown clay 10; grey clay 27; limestone 72. Water at 60.
Con II	" 11	D.Echerington	P.Ince	June 25, 1964	64	1	50	10	"	D	Brown clay 5; blue clay 22; limestone 50. Water at 25.
Con II	" 11	I.Heinz	G.Wallis	Nov. 17, 1966	64	1	58	20	Sulphur	D	Drilled well 51; grey limestone 72. Water at 70.
Con II	" 11	D.Green	P.Ince	Sep. 22, 1966	64	20	35	33	"	D	Dug well 30; limestone 52. Water at 40.
Con II	" 11	G.Weatherbie	Cross Bros.	June 22, 1967	64	10	36	25	"	D	Brown clay 12; grey clay 37; limestone 45. Water at 44.
Con II	" 13	B.Hadcock	P.Ince	Mar. 16, 1966	64	8	50	30	"	D	Brown clay 10; blue clay 33; rock 67. Water at 65.
Con II	" 13	E.Vienneav	E.Constable	Nov. 17, 1966	64	12	80	30	"	D	Deepened well 54; limestone 96. Water at 90.
Con II	" 15	J.Feere	S.Gill	Oct. 8, 1965	64	4	65	39	"	D	Deepened well limestone 71. Water at 69.
Con II	" 15	G.Highgate	G.Wallis	Aug. 31, 1966	64	3	54	36	"	D	Brown clay 14; grey clay 28; grey limestone 68. Water at 65.
Con II	" 16	J.Peterson	E.Constable	July 30, 1965	64	3	20	12	"	D	Topsoil 3; blue clay 28; limestone 36. Water at 34.
Con II	" 16	D.Bandasso	S.Gill	Aug. 16, 1965	64	15	50	38	Sulphur	D	Blue clay 34; limestone 83. Water at 50 and 82.
Con II	" 16	A.Lauszus	P.Ince	July 20, 1966	64	2	50	15	Fresh	S	Brown clay 10; blue clay 25; limestone 54. Water at 26.
Con II	" 16	"	W.Packham	May 20, 1966	64	2	60	25	"	D	Clay 28; limestone 67. Water at 30.
Con II	" 16	L.Court	Cross Bros.	Oct. 20, 1966	64	10	65	40	Sulphur	S	Brown clay 30; limestone 78. Water at 77.
Con II	" 16	C.Dunbrack	"	Aug. 2, 1967	64	4	70	22	Fresh	D	Brown clay 32; limestone 77. Water at 75.
Con III	" 1	Thompson Const.	Hadco Well Digging Ltd.	Apr. 2, 1964	30	2		14	"	D	Topsoil 1; brown clay 14; brown sand 15; blue hard clay 36; blue sand and clay 41; brown clay 46. Water at 14 and 36.
Con III	" 1	A.Maslinowski	H.Johnson	June 10, 1964	36	5	8	4	"	D	Brown sand 8; grey hardpan 12; grey hard clay 32; heavy clay 36; red sand 38. Water at 8 and 38.
Con III	" 1	C.Slok	"	May 12, 1965	36	5	10	7	"	D	Brown sandy clay 15; sand 18; grey hardpan 26; grey hardpan and stone 32; fine sand 38; coarse sand 39. Water at 7 and 39.
Con III	" 1	Bucci Constr.	"	July 7, 1965	24	10	10	4	"	D	Black loam 1; sandy loam 5; clay loam 10; brown clay 18; silt and stone 20; blue hard clay 25; blue fine sand 30; coarse sand 35. Water from 30 to 35.
Con III	" 1	A.Maslinowski	"	Jan. 12, 1965	36	5	8	4	"	D	Black loam 1; brown sand and clay 8; grey hardpan 12; grey hard sand and clay 32; red sand layer 33; hard clay 36; red and grey sand and gravel 38. Water at 8 and 38.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Glanford Twp. - cont. Con III lot 1	A.Maslincowski	H.Johnson	Jan.22,1965	36	5	14	8	Fresh	D	Brown sand and clay 8;grey hardpan 23;grey sand and clay 30; red sand layer 31;hard clay 34;red sand 35;silt 36. Water at 8 and 36.
Con III " 1	"	"	May 8, 1965	36	5	15	12	"	D	Brown sandy clay 12;brown sand 16;grey hardpan 25;heavy clay 32;medium coarse sand 35. Water at 12 and 35.
Con III " 1	"	"	May 9, 1966	36	5	14	4	"	D	Brown sand 10;hardpan 28;blue clay 35;coarse grey sand 37. Water at 35.
Con III " 1	D.Nuell	"	June23,1966	36	5	10	5	"	D	Brown clay 12;sand 15;blue hardpan 30;medium fine sand 34. Water at 34.
Con III " 1	W.Irvin	"	Sep. 6,1966	36	5	14	7	"	D	Black loam 1;brown clay 10;sand 11;silt and clay layers 19; hard blue clay 34;medium coarse sand 36. Water at 34.
Con III " 1	R.Smith	Cross Bros.	Jan.18,1966	6 1/2	8	80	25	"	D	Brown clay 28;blue clay 42;quicksand 100;limestone 107. Water at 107.
Con III " 1	K.Coleman	H.Johnson	Mar.18,1966	36	10		4	"	D	Brown sandy clay 8;hardpan and some stone 37;coarse sand 39. Water at 39.
Con III " 2	G.Bisutte	W.Scriven	Jan.20,1965	6 1/2	3	90	20	"	D	Topsoil 4;brown clay 20;fine grey sand and clay mixture 90; grey clay 103;limestone 119. Water at 119.
Con III " 3	D.Koning Bldr.	Cross Bros.	Sep.15,1965	6 1/2	3	94	25	"	D	Brown clay 16;blue clay 42;fine sand 50;blue clay 65;fine sand 80;blue clay 94;fine gravel 96. Water at 96.
Con III " 5	Young Heslop Golf Enterprises	Hadco Well Digging Ltd.	Aug. 5,1965	30	3		27	"	P	Grey clay 28;caving sand 34;grey clay 55;sand 60. Water from 34 to 38 and from 55 to 60.
Con III " 5	B.Powell	"	Nov.18,1965	27 1/2	1		12	"	D	Topsoil 2;brown clay 12;brown sand 19;blue grey clay 39;grey sand 43. Water at 36.
Con III " 5	W.Mair	"	Aug. 8,1967	30	3	34	8	"	D	Topsoil 1;brown sandy clay 9;grey sand 14;blue clay 18;blue-grey sand 35. Water at 9 and 18.
Con III " 5	L.DeMille	"	Aug.10,1967	30	3	32	4	"	D	Topsoil 1;brown clay 12;blue clay 18;blue sandy clay 34. Water at 5 and 18.
Con III " 6	H.Skewes	Cross Bros.	Mar. 4,1965	6 1/2	1 1/2	72	20	"	D	Brown clay 18;blue clay 56;limestone 74. Water at 72.
Con III " 6	S.ElzingaBldr.	"	Aug.17,1965	6 1/2	1 1/2	85	40	"	D	Brown clay 20;blue clay 55;limestone 92. Water at 74.
Con III " 6	K.Maradin	"	May 26,1967	6 1/2	8	60	32	"	D	Brown clay 24;blue clay 36;quicksand 70;fine sand 74;limestone 88. Water at 86.
Con III " 6	D.Smith	Hadco Well Drlg. & Digging Ltd.	Aug.10,1967	30	3	37	12	"	D	Topsoil 1;brown clay and sand 16;blue sandy clay 29;blue sand 40. Water at 16 and 29.
Con III " 7	J.VanHoeve Bldr.	Cross Bros.	Jan.29,1964	6 1/2	5	50	26	"	D	Topsoil 1;brown clay 18;blue clay 28;fine sand 50;blue clay 56;limestone 61. Water at 59.
Con III " 7	"	"	Feb. 8,1964	6 1/2	8	60	30	"	D	Brown clay 30;blue clay 40;fine sand 54;blue clay 65;limestone 69. Water at 68.
Con III " 7	"	"	Feb.11,1964	6 1/2	5	40	20	"	D	Brown clay 20;blue clay 31;fine sand 50;blue clay 55;limestone 60. Water at 59.
Con III " 7	D.Koning	"	Sep.25,1964	6 1/2	1 1/2	90	36	"	D	Brown clay 26;blue clay 50;quicksand 58;coarse gravel 60; limestone 92. Water at 75.
Con III " 7	S.Elzinga Bldr	"	Sep.30,1964	6 1/2	1 1/2	92	35	"	D	Brown clay 28;blue clay 45;quicksand 62;limestone 94. Water at 76.
Con III " 7	H.Kruegel	"	July24,1965	6 1/2	8	60	32	"	D	Brown clay 26;blue clay 38;quicksand 50;blue clay 64;limestone 70. Water at 69.
Con III " 7	D.Koning Bldr.	"	Aug.12,1965	6 1/2	1 1/2	85	35	"	D	Brown clay 22;blue clay 55;limestone 85. Water at 70.

WENTWORTH COUNTY - cont.											
Glanford Twp. - cont.											
Con III	lot 7.	S.Elzinga Bldr.	Cross Bros.	Jan.12,1966	6½	5	60	40	Fresh	D	Brown clay 25;blue clay 40;quicksand 65;limestone 68. Water at 68.
Con III	" 11	"	"	June 8,1965	6½	1	68	22	"	D	Brown clay 30;limestone 68. Water at 60.
Con III	" 11	L.Ecker	"	Sep.11,1967	6½	1	67	25	"	D	Brown clay 30;limestone 67. Water at 60.
Con III	" 12	P.Vedell	F.Merritt	Sep.10,1966	6½	1	65	40	"	D	Brown clay 22;blue clay 29;grey limestone 70. Water at 40.
Con IV	" 4	S.Koning & Son Bldr.	Cross Bros.	Aug.18,1966	6½	15	90	70	"	D	Brown clay 24;grey clay 60;quicksand 103;limestone 112. Water at 112.
Con IV	" 4	"	"	Mar.22,1966	6½	5	90	60	"	D	Brown clay 22;grey clay 60;quicksand 90;blue clay 100;limestone 105. Water at 105.
Con IV	" 4	"	"	June21,1966	6½	8	85	55	"	D	Brown clay 22;grey clay 60;quicksand 75;blue clay 104;limestone 117. Water at 115.
Con IV	" 4	"	"	June15,1966	6½	5	90	60	"	D	Brown clay 20;grey clay 55;quicksand 82;blue clay 100;limestone 106. Water at 106.
Con IV	" 4	"	"	Nov.30,1966	6½	3	90	60	"	D	Brown clay 20;grey clay 55;quicksand 90;blue clay 104;limestone 110. Water at 110.
Con IV	" 5	W.Weston	W.Packham	Apr.26,1965	6½	20	65	55	"	D	Clay 108;gravel and limestone 111. Water at 110.
Con IV	" 5	Brouwer Bros. Bldr.	F.Ince	Dec.30,1966	6½	30	102	40	"	D	Brown clay 10;blue clay 79;limestone 102. Water at 95.
Con IV	" 5	W.Pratt	Cross Bros.	Sep.20,1967	6½	10	80	75	"	D	Brown clay 22;grey clay 106;limestone 108. Water at 108.
Con IV	" 5	H.Booker	"	Dec.29,1967	6½	8	75	70	"	D	Brown clay 25;grey clay 107;fine gravel 108. Water at 108.
Con IV	" 5	Gavin Constr. Ltd.	F.Ince	Nov. 9,1967	6½	15	85	80	"	D	Brown clay 15;blue clay 114;limestone 115. Water at 115.
Con IV	" 6	J.Detelder	"	Apr.10,1964	6½	8	108	60	"	D	Brown clay 6;blue clay 115;limestone 122. Water at 120.
Con IV	" 6	S.Tuba	"	June 3,1965	6½	1	136	50	"	D	Brown clay 15;blue clay 104;limestone 136. Water at 135.
Con IV	" 6	C.Cummins	Cross Bros.	June29,1965	6½	4	100	40	"	D	Brown clay 25;grey clay 48;quicksand 85;blue clay 118;limestone 122. Water at 122.
Con IV	" 6	K.Hagan	F.Ince	Oct.26,1965	6½	4	100	50	"	D	Brown clay 10;blue clay 115;limestone 123. Water at 122.
Con IV	" 6	D.Etheridge	Cross Bros.	Feb. 2,1967	6½	8	80	40	"	D	Brown clay 18;grey clay 38;quicksand 70;blue clay 110;limestone 112. Water at 112.
Con IV	" 10	Twp.Glanford	F.Ince	Aug.18,1964	6½	1	114	30	"	P	Brown clay 10;blue clay 81;limestone 114. Water at 112.
Con IV	" 10	F.Riga	"	Mar.15,1965	6½	2	73	30	"	D	Brown clay 15;blue clay 52;limestone 73. Water at 71.
Con IV	" 10	R.Rose	G.Wallis	June 6,1966	6½	1	91	28	"	D	Brown clay 11;grey clay 56;grey limestone 70;whitish limestone 105. Water at 101.
Con IV	" 12	R.Ferguson	F.Ince	Mar.10,1967	6½	20	35	25	"	D	Brown clay 18;blue clay 61;rock 67. Water at 66.
Con IV	" 15	D.West Bldr.	W.Packham	Sep.21,1964	6½	20	60	35	"	D	Clay 72;limestone 83. Water at 81.
Con V	" 5	F.Ollie	Cross Bros.	Feb. 5,1964	6½	5	70	42	Sulphur	D	Topsoil 1;brown clay 28;quicksand 68;blue clay 92;limestone 99. Water at 98.
Con V	" 5	Oliver Constr.	F.Ince	Mar.19,1964	6½	15	90	55	Fresh	D	Brown clay 10;blue clay 104;gravel 105. Water at 105.
Con V	" 5	R.Smith	W.Packham	Aug. 7,1964	6½	20	90	57	"	D	Clay 99;limestone 108. Water at 105.
Con V	" 5	A.Leslie Const.	F.Ince	Feb. 2,1965	6½	10	105	55	"	P	Brown clay 15;blue clay 109;limestone 114. Water at 112.
Con V	" 5	J.French	"	Aug.22,1966	6½	20	70	60	"	D	Brown clay 15;blue clay 100;shale 100½. Water at 100.
Con V	" 6	Southern Pines Golf Club	Cross Bros.	June30,1964	8	25	150	55	"	Ir	Topsoil 1;brown clay 31;grey clay 55;quicksand 90;blue clay 108;coarse gravel 112;limestone 191. Water at 135 and 190.
Con V	" 6	N.Koppelaar	S.Gill	Sep.16,1964	6½	10	80	35	"	D	Brown clay 20;blue clay 40;grey sandy clay 80;silt 101;gravel 102;grey rock 105. Water at 102 to 105.
Con V	" 6	C.Dalton	Cross Bros.	Jan.21,1965	6½	5	90	50	"	D	Topsoil 1;brown clay 23;blue clay 47;quicksand 82;blue clay 110;limestone 121. Water at 120.
Con V	" 6	H.Poelman	F.Ince	Jan.31,1967	6½	3	130	83	"	D	Dug well 21;blue clay 121;limestone 133. Water at 130.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Glanford Twp. - cont.										
Con V lot 7	S.Koning & Son	Cross Bros.	Mar.27,1965	6 1/4	10	60	30	Fresh	D	Topsoil 1;brown clay 16;grey clay 48;quicksand 90;blue clay 110;fine gravel 112. Water at 112.
Con V " 10	H.Twiss	W.Packham	Feb.26,1964	6 1/4	2	110	60	"	D,S	Clay 93;limestone 110. Water at 108.
Con V " 13	V.Ferguson	E.Constable	Feb.27,1964	6 1/4	10	75	60	"	D	Topsoil 3;blue clay 75;sand 103;limestone 106. Water at 104.
Con V " 13	J.Hannafor	W.Packham	Mar.24,1964	6 1/4	10	120	55	"	D	Clay 97;limestone 127. Water at 99 and 125.
Con V " 13	V.Ferguson	"	Sep.28,1965	5	1	140	57	"	"	Old well with muddy water 110;bedrock 143. Water at 140.
Con V " 14	CWC Develop- ments	W.Scriven	Sep. 4,1964	6 1/2	3	90	50	"	D	Topsoil 2;brown clay 50;fine grey sandy soil 58;grey clay 108;limestone 119. Water at 119.
Con V " 14	"	"	July16,1964	6 1/4	5	75	50	"	D	Topsoil 4;brown clay 25;blue clay 100;gravel 102. Water at 102.
Con V " 14	"	"	Sep.26,1964	6 1/4	5	60	50	"	D	Topsoil 2;brown clay 45;fine grey sandy soil 50;grey clay 100;gravel 102. Water at 102.
Con V " 14	F.Bedell	E.Constable	Oct.17,1964	6 1/4	5	80	58	"	D	Topsoil 5;brown clay 28;blue clay and rough boulders 94; limestone 98. Water at 96.
Con V " 14	CWC Develop- ments Ltd.	Cross Bros.	Jan. 6,1965	6 1/4	10	80	60	"	D	Topsoil 1;brown clay 28;grey clay 60;quicksand 90;grey clay 108;fine gravel 112. Water at 112.
Con V " 14	"	"	Jan. 9,1965	6 1/4	10	80	60	"	D	Topsoil 1;brown clay 30;grey clay 65;quicksand 90;grey clay 112;fine gravel 116. Water at 116.
Con V " 14	"	W.Scriven	Jan.14,1965	6 1/4	5	78	50	"	D	Topsoil 4;brown clay 70;coarse sand 85;grey clay 100;limestone 105. Water at 105.
Con V " 14	"	Cross Bros.	Apr. 5,1965	6 1/4	10	80	60	"	D	Brown clay 27;grey clay 58;quicksand 80;grey clay 107;fine gravel 109. Water at 109.
Con V " 14	T.Brave	E.Constable	June 5,1965	6 1/4	10	90	60	"	D	Brown clay 18;blue clay 98;fine dirty gravel 113;grey shale 125. Water at 120.
Con V " 14	S.Schuman	F.Ince	Oct. 8,1965	6 1/4	4	115	50	"	D	Brown clay 10;blue clay 109;limestone 121. Water at 118.
Con V " 14	M.Bachuk Bldr.	Cross Bros.	Dec. 4,1967	6 1/4	10	80	40	"	D	Brown clay 16;blue clay 106;limestone 107. Water at 107.
Con VI " 1	A.Alderson	F.Ince	June 8,1964	6 1/4	10	60	40	"	D	Brown clay 12;blue clay 63;limestone 72. Water at 70.
Con VI " 4	B.Farnham	"	June12,1967	6 1/4	20	60	30	"	D	Brown clay 15;blue clay 72;limestone 103. Water at 102.
Con VI " 5	S.Koning & Son Bldg. Contr.	Cross Bros.	July 5,1965	6 1/4	5	85	22	"	D	Brown clay 18;blue clay 36;quicksand 80;blue clay 93;fine gravel 95. Water at 95.
Con VI " 5	R.Renold	E.Constable	July15,1965	6 1/4	5	60	30	"	D	Topsoil 5;brown clay 45;blue clay 80;shale 95. Water at 92.
Con VI " 5	F.Love	Cross Bros.	Aug.25,1965	6 1/4	10	20	15	"	S	Brown clay 16;blue clay 40;quicksand 63;fine gravel 64. Water at 64.
Con VI " 5	S.Koning & Son Bldg Contr	"	Jan. 6,1966	6 1/4	8	50	30	"	D	Brown clay 20;blue clay 40;quicksand 85;blue clay 96;fine gravel 100. Water at 100.
Con VI " 5	"	"	July21,1966	6 1/4	3	95	28	"	D	Brown clay 24;blue clay 45;quicksand 90;blue clay 100;fine gravel 102;limestone 103. Water at 102.
Con VI " 6	E.Sirard	F.Ince	Aug.19,1964	6 1/4	20	20	8	"	D	Brown clay 8;blue clay 80;gravel 81. Water at 81.
Con VI " 6	VanHoeve Const.	Cross Bros.	Nov. 1,1966	6 1/4	5	75	40	"	D	Brown clay 28;blue clay 84;limestone 92. Water at 90.
Con VI " 6	F.Pauls	E.Constable	Dec. 2,1967	6 1/4	20	50	30	"	D	Topsoil 5;brown clay 40;blue clay 108;fine gravel 115. Water at 114.
Con VI " 10	H.McFeeters	W.Packham	June26,1967	6 1/4	10	80	55	"	C	Clay 89;limestone 100. Water at 95.
Con VI " 10	J.Gayett	"	June 6,1964	6 1/4	20	55	50	"	D	Clay 114;open shale 116. Water at 115.
Con VI " 13	G.Deroo Bldr.	F.Ince	Oct. 8,1964	6 1/4	20	50	30	"	D	Drilled in basement 5;blue clay 110;shale 111. Water at 111.
Con VI " 13	"	"	May 25,1965	6 1/4	20	50	40	"	D	Brown clay 10;blue clay 109;shale 110. Water at 110.
Con VI " 13	H.Pearce	"	Sep.28,1966	6 1/4	15	90	30	Sulphur	D,S	Brown clay 15;blue clay 89;limestone 100. Water at 98.

## WENTWORTH COUNTY - cont.

## Glanford Twp. - cont.

Con VI	lot 16	R. Pinnance	F. Ince	Feb. 8, 1964	6 1/2	20	40	30	Fresh	D	Brown clay 8; blue clay 63; shale 65; limestone 68. Water at 64.
Con VI	" 16	J. VanHoeve	Cross Bros.	Apr. 4, 1964	6 1/2	5	55	42	"	D	Brown clay 27; quicksand 40; blue clay 58; limestone 69. Water at 67.
Con VI	" 16	Bld. Contr.									
Con VI	" 16	M. Barlow	F. Ince	June 10, 1964	6 1/2	20	50	30	"	D	Brown clay 10; blue clay 60; shale 64. Water at 64.
Con VI	" 16	L. Harbottle	"	June 23, 1964	6 1/2	10	70	35	"	D	Brown clay 10; blue clay 75; limestone 80. Water at 79.
Con VI	" 16	J. VanHoeve	Cross Bros.	July 18, 1964	6 1/2	3	80	30	"	D	Brown clay 17; grey clay 31; quicksand 65; blue clay 72; limestone 86. Water at 84.
Con VI	" 16	Bld. Contr.									
Con VI	" 16	O. Mackey	F. Ince	Aug. 3, 1964	6 1/2	10	65	30	"	D	Brown clay 10; blue clay 69; shale 70; limestone 74. Water at 70.
Con VI	" 16	J. VanHoeve	Cross Bros.	Aug. 11, 1964	6 1/2	3	80	28	"	D	Brown clay 20; grey clay 35; quicksand 60; blue clay 72; limestone 90. Water at 86.
Con VI	" 16	Bldg. Contr.									
Con VI	" 16	S. Schoeman	F. Ince	Aug. 25, 1964	6 1/2	5	65	35	"	D	Brown clay 10; blue clay 76; gravel 77. Water at 77.
Con VI	" 16	R. Lambert	"	Sep. 11, 1964	6 1/2	10	70	40	"	D	Brown clay 10; blue clay 75; limestone 84. Water at 82.
Con VI	" 16	J. VanHoeve	Cross Bros.	Sep. 11, 1964	6 1/2	8	45	24	"	D	Brown clay 19; blue clay 58; fine gravel 61. Water at 61.
Con VI	" 16	Bldg. Contr.									
Con VI	" 16	R. Lambert	F. Ince	Sep. 12, 1964	6 1/2	7	75	40	"	D	Brown clay 12; blue clay 75; limestone 84. Water at 82.
Con VI	" 16	J. Laman	Cross Bros.	Oct. 5, 1964	6 1/2	5	80	30	"	D	Brown clay 18; grey clay 35; quicksand 62; blue clay 71; limestone 83. Water at 82.
Con VI	" 16	VanHoeve	"	Oct. 23, 1964	6 1/2	5	45	32	"	D	Brown clay 26; blue clay 45; quicksand 64; limestone 69. Water at 68.
Con VI	" 16	Bldg. Contr.									
Con VI	" 16	"	"	Oct. 30, 1964	6 1/2	5	75	28	"	D	Brown clay 22; grey clay 40; quicksand 69; limestone 78. Water at 75.
Con VI	" 16	O. Mackey	F. Ince	Dec. 10, 1964	6 1/2	3	88	40	"	D	Brown clay 10; blue clay 66; limestone 88. Water at 86.
Con VI	" 16	A. Builder's	"	Mar. 6, 1965	6 1/2	1	82	40	"	D	Brown clay 12; blue clay 71; limestone 82. Water at 80.
Con VI	" 16	O. Mackey	"	May 15, 1965	6 1/2	1 1/2	80	40	"	D	Brown clay 10; blue clay 75; limestone 87. Water at 84.
Con VI	" 16	R. Lambert	F. Merritt	May 15, 1965	5	10	50	45	"	D	Blue clay 65; clay and boulders 72; grey limestone 90. Water at 89.
Con VI	" 16	O. Mackey	F. Ince	May 17, 1965	6 1/2	5	70	40	"	D	Brown clay 10; blue clay 72; limestone 78. Water at 76.
Con VI	" 16	E. Kobylt	"	June 19, 1965	6 1/2	3	80	40	"	D	Brown clay 10; blue clay 77; limestone 86. Water at 82.
Con VI	" 16	VanHoeve	Cross Bros.	July 12, 1965	6 1/2	5	78	32	"	D	Brown clay 20; grey clay 36; quicksand 60; blue clay 72; limestone 80. Water at 78.
Con VI	" 16	Constr. Ltd.	"	July 17, 1965	6 1/2	5	72	30	"	D	Brown clay 20; grey clay 34; quicksand 55; blue clay 67; limestone 75. Water at 73.
Con VI	" 16	O. Mackey	F. Ince	July 19, 1965	6 1/2	7	60	35	"	D	Brown clay 10; blue clay 57; limestone 63. Water at 62.
Con VI	" 16	"	"	Aug. 26, 1965	6 1/2	20	60	50	"	D	Brown clay 10; blue clay 75; shale 78. Water at 78.
Con VI	" 16	VanHoeve Const. Ltd.	Cross Bros.	Sep. 15, 1965	6 1/2	8	50	40	"	D	Brown clay 18; grey clay 30; blue clay 64; limestone 68. Water at 68.
Con VI	" 16	O. Mackey	F. Ince	Sep. 28, 1965	6 1/2	12	75	40	"	D	Brown clay 8; blue clay 75; limestone 80. Water at 78.
Con VI	" 16	L. Harbottle	"	Sep. 23, 1965	6 1/2	1	84	40	"	D	Brown clay 10; blue clay 64; limestone 84. Water at 80.
Con VI	" 16	E. Kobylt	S. Gill	Nov. 1, 1965	6 1/2	10	60	48	"	D	Grey clay 71; grey rock 73. Water at 72.
Con VI	" 16	VanHoeve Const. Ltd.	Cross Bros.	Dec. 1, 1965	6 1/2	10	60	40	"	D	Topsoil 1; brown clay 30; grey clay 75; fine gravel 80. Water at 80.
Con VI	" 16	"	"	Dec. 15, 1965	6 1/2	8	70	34	"	D	Brown clay 26; grey clay 71; fine gravel 80. Water at 80.
Con VI	" 16	"	"	June 1, 1966	6 1/2	10	60	40	"	D	Topsoil 1; brown clay 18; blue clay 76; limestone 78. Water at 78.
Con VI	" 16	"	"	June 1, 1966	6 1/2	10	60	40	"	D	Topsoil 1; brown clay 18; blue clay 76; limestone 78. Water at 78.
Con VI	" 16	"	"	May 30, 1966	6 1/2	3	75	35	"	D	Topsoil 1; brown clay 16; blue clay 78; limestone 80. Water at 80.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations noted below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Glanford Twp. - cont.										
Con VI lot 16	B. Kooyman Const.	Cross Bros.	Aug. 15, 1966	6 1/2	6	65	40	Fresh	D	Brown clay 35; grey clay 70; fine gravel 75. Water at 75.
Con VI lot 16	L. Harbottle	E. Constable	June 16, 1967	6 1/2	5	70	35	Fresh	D	Topsoil 5; brown clay 40; blue clay 68; shale 80. Water at 76.
Con VI " 16	L. Garner	"	June 18, 1967	5	10	40	30	"	D	Topsoil 5; brown clay and boulders 40; blue clay 60; limestone 68. Water at 64.
Con VI " 16	L. Harbottle	"	June 23, 1967	6 1/2	5	70	35	"	D	Topsoil 5; brown clay 38; blue clay 68; shale 80. Water at 74.
Con VI " 16	Sym Roy Corp. Ltd.	S. Merritt	Aug. 25, 1967	6 1/2	15	60	45	"	D	Clay 40; quicksand and clay 62; clay boulders and gravel 75; limestone 95. Water from 78 to 95.
Con VI " 16	CWC Dev. Ltd.	Cross Bros.	Oct. 20, 1967	6 1/2	12	40	24	"	D	Brown clay 16; grey clay 54; fine gravel 55. Water at 55.
Con VI " 16	T. Allan	E. Constable	Nov. 3, 1967	6 1/2	5	45	30	"	D	Topsoil 4; brown clay 20; blue clay 70; grey shale 80. Water at 74.
Con VI " 16	J. Jones	J. Wickett	Nov. 9, 1967	6 1/2	24	41	41	"	D	Brown clay 18; blue clay 58; dirty gravel 65. Water at 65.
Con VI " 16	Gracita Investments	F. Ince	Dec. 9, 1967	6 1/2	20	50	35	"	D	Brown clay 20; blue clay 83; shale 84. Water at 84.
Con VII " 1	VanHoeve Const. Ltd.	Cross Bros.	Aug. 21, 1965	6 1/2	3	80	35	"	D	Topsoil 1; brown clay 18; blue clay 40; quicksand 79; limestone 89. Water at 85.
Con VII " 1	A. Berry	F. Ince	June 29, 1967	6 1/2	8	100	45	"	D, S	Brown clay 15; blue clay 77; limestone 106. Water at 106.
Con VII " 1	VanHoeve Const. Ltd.	Cross Bros.	June 28, 1967	6 1/2	10	50	30	"	D	Brown clay 18; blue clay 40; quicksand 70; limestone 74. Water at 74.
Con VII " 1	"	"	Aug. 23, 1965	6 1/2	10	75	35	"	D	Brown clay 20; blue clay 40; quicksand 79; limestone 84. Water at 84.
Con VII " 1	J. Betts, Bldr.	"	July 23, 1966	6 1/2	8	70	40	"	D	Brown clay 22; blue clay 48; quicksand 87; limestone 92. Water at 92.
Con VII " 1	VanHoeve Const.	"	Aug. 12, 1967	6 1/2	15	40	24	"	D	Brown clay 20; blue clay 44; quicksand 69; limestone 72. Water at 72.
Con VII " 1	"	"	Aug. 10, 1967	6 1/2	15	40	24	"	D	Brown clay 20; blue clay 44; quicksand 69; limestone 72. Water at 72.
Con VII " 1	"	"	Aug. 30, 1967	6 1/2	3	85	20	Sulphur	D	Brown clay 20; blue clay 50; quicksand 76; limestone 93. Water at 92.
Con VII " 1	"	"	Sep. 12, 1967	6 1/2	10	55	28	Fresh	D	Brown clay 20; blue clay 40; quicksand 74. Water at 74.
Con VII " 1	"	"	Sep. 15, 1967	6 1/2	1	75	26	"	D	Brown clay 20; blue clay 55; quicksand 76; limestone 86. Water at 86.
Con VII " 1	"	"	Oct. 25, 1967	6 1/2	1 1/2	85	28	"	D	Brown clay 22; blue clay 50; quicksand 80; limestone 88. Water at 86.
Con VII " 4	J. Marshal	F. Ince	July 5, 1967	6 1/2	5	110	45	"	D, S	Brown clay 15; blue clay 89; rock 116. Water at 115.
Con VII " 6	Alma Builder's	"	Aug. 22, 1964	6 1/2	15	70	40	"	D	Brown clay 8; blue clay 82; shale 83. Water at 83.
Con VII " 12	J. Boosi	"	Aug. 16, 1965	6 1/2	10	30	20	Sulphur	D, S	Dug well 20; blue clay 42; shale 43. Water at 43.
Con VII " 12	J. Villiers	"	Aug. 16, 1965	6 1/2	20	20	18	"	D	Brown clay 10; blue clay 39; shale 40. Water at 40.
Con VII " 13	J. Boosi	"	Sep. 30, 1965	6 1/2	20	30	20	Fresh	D	Brown clay 15; blue clay 51; shale 52. Water at 52.
Con VIII " 2	J. Smith	Cross Bros.	Aug. 6, 1964	6 1/2	5	70	30	"	D	Brown clay 22; grey clay 88; fine gravel 90. Water at 90.
Con VIII " 6	G. Deroo	F. Ince	Jan. 27, 1964	6 1/2	20	40	35	"	D	Brown clay 15; blue clay 69; shale 70. Water at 70.
Con VIII " 12	H. Brown	Cross Bros.	Sep. 22, 1967	6 1/2	10	70	50	"	D	Brown clay 18; blue clay 86; fine gravel 87. Water at 87.
Con VIII " 14	M. Turner	E. Constable	June 16, 1967	6 1/2	5	48	35	"	D	Topsoil 3; brown clay 31; quicksand 47; limestone 58. Water at 54.



WENTWORTH COUNTY - cont.  
Hamilton City

S.Woolley	F.Ince	Jan.14,1964	6½	15	65	55	Fresh	D	Brown clay 8;blue clay 74;shale 75;limestone 80. Water at 75.
J.Demik	Cross Bros.	Jan.31,1964	6½	3	38	32	"	D	Brown clay 13;limestone 43. Water at 40.
N.Bredeson	F.Ince	Apr. 8,1964	6½	1½	58	32	"	D	Brown clay 4;blue clay 13;limestone 58. Water at 56.
A.Alderson	"	Apr.17,1964	6½	8	60	30	"	D	Brown clay 5;blue clay 54;limestone 65. Water at 62.
J.Kemp Const. Ltd.	S.Gill	May 5, 1964	6½	2	65	18	"	D	Blue clay 20;blue clay 30;sandy clay 38;rock 70. Water at 60 and 68.
A.Alderson	F.Ince	May 20,1964	6½	1	62	30	"	D	Drilled in basement 5;blue clay 51;limestone 67. Water at 60.
"	"	May 25,1964	6½	½	63	30	"	D	Drilled in basement 5;blue clay 50;limestone 68. Water at 60.
J.Khes	Cross Bros.	May 25,1964	6½	8	25	15	"	D	Brown clay 10;limestone 32. Water at 30.
A. Pierroz	J.Wickett	July 6,1964	5	15	33	25	"	D	Brown clay 4;grey limestone 38. Water at 27.
Dicenzo Constr.	S.Merritt	Aug.10,1964	6½	16	10	8	"	D	Blue clay 25;Niagara rock 35. Water at 35.
H.Devries	Cross Bros.	Aug.17,1964	6½	3	40	12	"	D	Brown clay 10;limestone 43. Water at 40.
D.Joy	W.Scriven	Sep.12,1964	6½	3	58	42	"	D	Topsoil 2;brown clay 6;limestone 67. Water at 67.
G.Hockridge	"	Sep.18,1964	6½	5	30	22	"	D	Topsoil 2;brown clay 20;blue clay 36;limestone 40. Water at 40.
A.Cope & Sons	S.Gill	Sep.18,1964	6½	8	45	4	Sulphur	N	Grey rock 130;red shale 170. Water at 48.
J.Muis	W.Scriven	Sep.30,1964	6½	3	18	10	Fresh	D	Topsoil 2;brown clay 12;limestone 24. Water at 24.
A.Alderson	F.Ince	Oct. 9,1964	6½	3	70	40	"	D	Brown clay 6;blue clay 64;limestone 73. Water at 70.
L.Harbottle	"	Oct.27,1964	6½	15	20	10	"	D	Brown clay 6;blue clay 13;limestone 28. Water at 26.
A.Alderson	"	Nov.17,1964	6½	3	60	20	Sulphur	D	Drilled in basement 5;blue clay 45;limestone 60. Water at 58.
Butkevicius Constr.	S.Merritt	Dec. 9,1964	6½	6	50	25	Fresh	D	Blue clay 12;clay and quicksand 21;limestone 60. Water at 48, 52, 56 and 60.
K.VanDerSchaff	F.Ince	Dec.11,1964	6½	3	48	20	"	D	Brown clay 10;blue clay 49;shale 50. Water at 50.
Mike's Custom House	Cross Bros.	Mar. 1,1965	6½	10	50	34	"	D	Brown clay 4;limestone 66. Water at 63.
A.Alderson	F.Ince	Mar.12,1965	6½	1	70	30	"	D	Drilled in basement 5;brown clay 10;blue clay 57;limestone 75. Water at 68.
VanHoeve Const. Ltd.	Cross Bros.	Mar.16,1965	6½	2	75	35	"	D	Brown clay 21;quicksand 51;grey clay 55;limestone 76. Water at 74.
"	"	Mar.20,1965	6½	2	75	36	"	D	Brown clay 23;quicksand 50;grey clay 56;limestone 78. Water at 76.
A.Alderson	F.Ince	Apr.28,1965	6½	20	50	40	Sulphur	D	Brown clay 10;blue clay 77;shale 78. Water at 78.
VanHoeve Const. Ltd.	Cross Bros.	May 18,1965	6½	1	80	35	Fresh	D	Brown clay 20;quicksand 45;grey clay 52;limestone 81. Water at 78.
D.Koning Eldr	"	May 22,1965	6½	5	45	34	"	D	Brown clay 22;grey clay 35;quicksand 54;fine gravel 57. Water at 57.
VanHoeve Const. Ltd.	"	June24,1965	6½	½	84	40	"	D	Brown clay 20;quicksand 40;grey clay 55;limestone 84. Water at 76.
J.Twarg	G.Wallis	June30,1965	6½	3	96	35	"	D	Brown clay 18;grey clay 74;red clay 95;grey clay 109½;fine gravel 110;red shale 110½. Water at 109½.
T.Bandall	Cross Bros.	July19,1965	6½	5	30	22	"	D	Brown clay 5;limestone 40. Water at 36.
Steinnagell&A Eldrs.	"	July21,1965	6½	8	30	20	"	D	Brown clay 16;blue clay 32;quicksand 38;limestone 46. Water at 46.
G.Allington	"	July29,1965	6½	8	68	40	"	D	Brown clay 16;grey clay 48;quicksand 54;limestone 74. Water at 72.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WESTWORTH COUNTY - cont. Hamilton City - cont.										
	A.Alderson	F.Ince	Aug.17,1965	6 1/2	20	45	40	Fresh	D	Brown clay 10;blue clay 60;limestone 70. Water at 58.
	K.Buthevicus	J.Wickett	Aug.23,1965	6 1/2	15	30	13	"	D	Brown clay 12;blue clay 39;white limestone 53. Water at 53.
	W.Koppelaar	S.Gill	Sep. 2,1965	6 1/2	12	35	24	Sulphur	C	Grey clay 11;grey rock 44. Water at 20 and 42.
	A.Alderson	F.Ince	Sep.27,1965	6 1/2	15	50	40	Fresh	D	Brown clay 8;blue clay 54;limestone 61. Water at 60.
	R.Lytwyn	"	Oct. 2,1965	6 1/2	15	60	35	"	D	Brown clay 12;limestone 69. Water at 65.
	G.Bertollo	Cross Bros.	Oct. 4,1965	6 1/2	5	35	26	"	D	Old well 25;limestone 38. Water at 38.
	"	"	Oct. 5,1965	6 1/2	5	35	26	"	D	Old well 31;limestone 45. Water at 45.
	S.Garno Bldrs	"	Oct.13,1965	6 1/2	5	30	20	Sulphur	D	Brown clay 6;limestone 37. Water at 36.
	A.Alderson	F.Ince	Oct.20,1965	6 1/2	20	50	43	Fresh	D	Brown clay 10;blue clay 57;shale 58. Water at 58.
	City of Hamilton	Cross Bros.	Oct.29,1965	5 1/2	10	30	8	"	F	Old drilled well 25;limestone 37. Water at 37.
	F.Johnson	F.Ince	Nov.25,1965	6 1/2	3	60	40	"	D	Brown clay 10;blue clay 62;limestone 70. Water at 68.
	G.Bertollo	W.Packham	May 21,1966	6 1/2	30	15	6	"	D	Clay 16;limestone 48. Water at 18 and 35.
	J.Barret	Cross Bros.	June10,1966	6 1/2	5	18	10	"	D	Brown clay 19;limestone 24. Water at 24.
	J.Bick	W.Packham	July25,1966	6 1/2	9	40	20	"	D	Clay 4;limestone 53. Water at 51.
	C.Dunbrock Bldr.	"	July26,1966	6 1/2	6	40	22	"	D	Clay 10;limestone 44. Water at 35.
	W.Koppelaar	S.Gill	Aug.17,1966	6 1/2	7	36	27	Sulphur	C	Brown clay 11;limestone 46. Water at 44.
	United Steel & Metal Co.	G.Wallis	Oct.28,1966	6 1/2	15	70	16	Fresh	In	Black sandy muck 12;soft grey clay 54;red clay and soft shale 66;hard red shale 84. Water at 80.
	Shaw Pipe Protection Ltd.	Cross Bros.	Sep.19,1966	6 1/2	20	28	24	"	In	Loose gravel 4;brown clay 8;limestone 38. Water at 37.
	D.Quinn	"	Oct.14,1966	6 1/2	10	45	25	Sulphur	D	Brown clay 6;limestone 48. Water at 45.
	J.Fairfield	F.Ince	Sep.20,1966	6 1/2	5	38	18	Fresh	D	Brown clay 4;limestone 38. Water at 36.
	B.Verardo	F.Merritt	Feb.11,1967	6 1/2	10	5	4	Sulphur	D	Brown clay 12;grey limestone 25. Water at 24.
	J.Goatley	G.Wallis	Feb.24,1967	6 1/2	20	25	18	Fresh	D	Brown clay and broken limestone 3 1/2;grey limestone 40 1/2. Water at 38.
	Unit Step Products	Cross Bros.	June21,1967	6 1/2	8	28	22	"	D	Brown clay 12;limestone 35. Water at 34.
	J.Miklos	J.Wickett	Sep.15,1967	6 1/2	6	36	8	"	D	Brown clay and sand 18;dirty gravel 35;limestone 44. Water at 44.
Saltfleet Twp.										
Con III lot 3	A.Harrison	F.Merritt	June17,1964	6	3	28	15	Fresh	D	Brown loan 4;shale 8;grey limestone 30. Water at 28.
Con III " 3	F.Weylie	"	Sep.26,1966	6 1/2	5	35	30	"	D,S	Brown clay 2;grey limestone 50. Water at 45.
Con III " 3	E.Colbourne	"	Mar. 3,1967	6 1/2	5	25	8	"	D	Brown clay 3;grey limestone 40. Water at 38.
Con III " 12	E.Franciosa	"	Apr.30,1966	6 1/2	1	65	6	"	D	Brown clay 20;clay and gravel 55;red shale 72. Water at 62.
Con III " 13	J.KuttenKeuler	G.Wallis	May 24,1966	6 1/2	7	52	10	"	D	Topsoil and stones 1;limestone 64;blue rock 66. Water at 49 and 60.
Con III " 13	S.Werjeski	E.Constable	May 24,1967	6 1/2	10	23	8	"	D	Brown clay 3;grey shale 20;limestone 50. Water at 45.
Con IV " 2	D.Krajcir	G.Wallis	May 27,1966	6 1/2	16	20	1	"	D	Brown clay 9;grey clay 12;grey limestone 25. Water at 23.
Con IV " 4	A.Cherrubin	"	July28,1967	6 1/2	1	60	33	"	D	Brown clay 19;grey clay 35;grey limestone 50;blue rock 65. Water at 62.
Con IV " 10	T.Paul	S.Gill	Aug.19,1965	6 1/2	10	65	49	"	D	Dug well 28;grey clay 52;rock 77. Water at 65 and 75.
Con IV " 10	"	E.Constable	May 7, 1967	6 1/2	5	35	20	"	D	Topsoil 2;brown clay 22;blue clay 38;limestone 50. Water at 47.

WENTWORTH COUNTY - cont.  
Saltfleet Twp. - cont.

Con IV	lot 12	B. Willnick	G. Wallis	July 8, 1967	6½	2	95	25	Fresh	D	Brown clay 5; grey clay 3½; grey limestone 60; blue rock 93; red shale 98. Water at 60 and 98.
Con IV	" 13	J. Beume	"	Dec. 23, 1964	6½	½	70	28	"	D	Brown clay and broken limestone 8; grey limestone 20; dark grey limestone 60; grey limestone 76; red shale 84½. Water at 76.
Con IV	" 13	G. Heinz	"	Jan. 8, 1965	6½	12	60	20	"	D	Brown limestone 7; grey limestone 21; dark grey limestone 69; red shale 70. Water at 25 and 69.
Con IV	" 13	A. Prinz	F. Merritt	May 20, 1966	6½	5	10	3	"	D	Brown clay 3; grey limestone 33. Water at 32.
Con IV	" 13	J. DeJonge	G. Wallis	Apr. 14, 1967	6½	20	30	14	"	D	Brown limestone 9; grey limestone 22; dark grey limestone 65. Water at 63.
Con IV	" 14	J. Gera	"	June 5, 1964	8	1½	30	7	"	D	Brown soil 2; grey limestone 21; dark grey limestone 40. Water at 11 and 38.
Con IV	" 14	K. Page	"	June 16, 1965	6½	2½	31	12	"	D	Brown topsoil 2; grey limestone 19; blue rock 45. Water at 34 and 43.
Con IV	" 14	T. Suvermann	"	Nov. 18, 1966	6½	1½	51	24	"	D	Drilled well 41; grey limestone 65. Water at 60.
Con IV	" 14	J. Gera	G. Wallis	Oct. 21, 1967	6½	3	36	7	"	D	Brown topsoil 2; grey limestone 50. Water at 47.
Con IV	" 15	H. Healy	F. Merritt	Aug. 15, 1965	6½	3	45	30	"	D	Brown clay 3; grey limestone 50. Water at 47.
Con IV	" 18	M. Bozzo	"	Oct. 13, 1965	6½	1	90	50	Sulphur	D	Brown clay 50; grey limestone 95. Water at 60 and 90.
Con IV	" 18	C. MacDonald	G. Wallis	Jan. 3, 1966	6½	9	35	19	Fresh	D	Brown soil and broken limestone 3; grey limestone 49½. Water at 47.
Con IV	" 26	J. Toth	Cross Bros.	Aug. 26, 1965	6½	3	40	15	"	F	Old dug well 18; red shale 41. Water at 38.
Con IV	" 26	"	"	Aug. 27, 1965	6½	3	38	15	"	D	Old well 32; red shale 40. Water at 38.
Con V	" 15	A. Kislak	"	Oct. 7, 1964	6½	5	36	15	Sulphur	D	Brown clay 18; limestone 40. Water at 40.
Con V	" 15	Seron Constr. Co. Ltd.	"	Oct. 14, 1965	6½	10	16	6	Fresh	In	Brown clay 8; limestone 23. Water at 22.
Con V	" 19	L. Celinski	W. Scriven	June 4, 1964	6½	3	18	12	"	D	Topsoil 2; brown clay 11; limestone 35. Water at 35.
Con V	" 19	J. Dimaggio	E. Constable	June 2, 1967	6½	10	13	10	"	D	Limestone 40. Water at 35.
Con V	" 20	M. Maradin	G. Wallis	July 28, 1965	6½	12	36	34	"	D	Grey limestone 43. Water at 42.
Con V	" 20	Canada Mushroom	"	July 29, 1967	6½	4	40	22	Sulphur	C	Brown clay 7; grey limestone 26; dark grey limestone 45. Water at 36 and 43.
Con V	" 24	O. Sherman	"	Sep. 12, 1966	6½	7½	55	45	"	D	Brown clay 4; dark grey limestone 60. Water at 67.
Con V	" 27	D. Nash	F. Merritt	Oct. 30, 1964	6½	½	40	13	Fresh	D	Brown clay 1; grey shale 2; grey limestone 40. Water at 15.
Con V	" 28	"	Cross Bros.	Dec. 20, 1967	6½	5	30	20	"	D,S	Brown clay 7; limestone 40. Water at 40.
Con VI	" 11	J. Novosel	S. Merritt	Aug. 3, 1967	6½	14	17	10	"	D	Grey clay and stones 30; grey shale 33; grey rock 35. Water at 35.
Con VI	" 11	R. Strong	"	Aug. 8, 1967	6½	16	15	10	"	D	Grey clay 32; grey shale 34. Water at 34.
Con VI	" 11	A. Allison	Cross Bros.	Sep. 25, 1967	6½	8	20	12	Sulphur	D	Brown clay 22; limestone 32. Water at 32.
Con VI	" 12	H. Haanstra & Sons	S. Merritt	Sep. 27, 1967	6½	16	25	23	"	S	Clay 9; Niagara rock 40. Water from 29 to 40.
Con VI	" 13	H. Dobrowski	F. Merritt	June 26, 1967	6½	10	30	20	Fresh	D	Brown clay 17; grey limestone 40. Water at 38.
Con VI	" 14	R. Assosat	G. Wallis	May 26, 1967	6½	12	20	8	"	P	Grey clay 20; grey limestone 32. Water at 30.
Con VI	" 18	R. Leach	"	July 20, 1967	6½	½	50	18	Sulphur	D	Grey clay 9½; grey limestone 63. Water at 60.
Con VI	" 19	W. Flahrer	W. Scriven	June 11, 1964	6½	3	20	10	"	D	Topsoil 2; brown clay 5; grey clay 11; limestone 35. Water at 35.
Con VI	" 10	G. McDonald	E. Constable	Dec. 10, 1966	6½	2	40	30	"	D	Drilled well 20; limestone 40. Water at 36.
Con VI	" 20	O. Rossini	G. Wallis	Sep. 28, 1964	6½	14	17	10	"	D	Brown clay 5; grey clay 19; grey limestone 30. Water at 29.
Con VI	" 20	J. Nowakowski	F. Ince	July 19, 1966	6½	10	28	13	"	D	Brown clay 14; limestone 34. Water at 32.
Con VI	" 28	J. Benderson	G. Wallis	Aug. 15, 1966	6½	6	19	17	"	D	Brown clay 3½; grey limestone 24½. Water at 23.
Con VI	" 30	D. Robinson	S. Gill	Mar. 2, 1964	6½	15	15	8	Fresh	D	Brown clay 3; grey limestone 31. Water at 25 and 30.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Saltfleet Twp. - cont.										
Con VII lot 7	J.Vargo	G.Wallis	Sep.29,1967	6 1/2	2	26	20	Fresh	D	Brown clay 14;grey limestone 30. Water at 29.
Con VII " 7	"	"	Nov.22,1967	6 1/2	20	35	19	"	D	Brown clay 16;grey limestone 52. Water at 27 and 50.
Con VII " 18	G.Tassarso	F.Merritt	June 8,1965	6 1/2	10	30	25	"	C	Blue clay 32;grey limestone 45. Water at 44.
Con VII " 19	R.Walters	"	May 26,1966	6 1/2	10	25	20	"	D	Blue clay 40;grey shale 42. Water at 42.
Con VII " 19	Binbrook Builders	"	Mar.20,1967	6 1/2	5	45	25	"	D	Brown clay 24;blue clay 44;grey limestone 56. Water at 51.
Con VII " 20	P.Dmytryshyn	G.Wallis	Jan. 5,1967	6 1/2	1 1/2	130	20	"	D	Grey clay 19 1/2;grey limestone 145. Water at 40.
Con VII " 23	A.Caterini	F.Merritt	Dec. 3,1965	6	2	25	8	"	D	Blue clay 20;grey limestone 27. Water at 26.
Con VII " 24	T.Paul	"	May 30,1966	6 1/2	10	2	2	"	D	Brown clay 16;grey limestone 28. Water at 26.
Con VII " 25	W.Thomson	Cross Bros.	Aug.28,1965	6	5	25	20	"	D	Old well 23;limestone 30. Water at 30.
Con VII " 28	F.Vatda	G.Wallis	Oct.27,1966	6 1/2	25	28	24	"	D	Grey clay 8;grey limestone 42. Water at 40.
Con VII " 28	Saltfleet Rec. and Parks	Cross Bros.	June 3,1967	6 1/2	18	25	15	"	P	Brown clay 8;limestone 32. Water at 30.
Con VIII " 1	G.Metruglio	S.Merritt	May 30,1967	6 1/2	16	30	22	"	S	Clay 38;sand and shale 40;Niagara rock 49. Water from 44 to 49.
Con VIII " 2	J.Friesz	F.Merritt	June 9,1967	6 1/2	10	25	20	"	D,S	Brown clay 28;blue clay 35;grey limestone 42. Water at 42.
Con VIII " 5	J.TenBrinke	S.Gill	Sep.18,1965	6 1/2	20	35	26	"	S	Dug well 30;grey rock 44. Water at 42.
Con VIII " 11	H.Haanstra	F.Merritt	June 31,1966	6 1/2	10	35	30	"	D,S	Blue clay 34;limestone 48. Water at 47.
Con VIII " 14	P.Nadwidny	G.Wallis	May 26,1966	6 1/2	12	32	25	"	D	Brown clay 20;grey clay 39;grey limestone 46 1/2. Water at 45.
Con VIII " 14	Hamilton Gun Club	J.Wickett	Nov. 5,1965	5	20	18	18	"	P	Brown clay 18;white Niagara 26. Water at 26.
Con VIII " 16	E.Skarvinko	G.Wallis	June 17,1967	6 1/2	9	33	22	"	D	Brown clay 15;grey clay 33;grey limestone 47. Water at 45.
Con VIII " 19	J.Kemp Constr.	W.Packham	Mar. 1,1965	6 1/2	20	35	26	"	S	Clay 33;very shaly rock 36;solid limestone 43. Water at 40.
Con VIII " 19	J.Ottenthaler	Cross Bros.	Dec.13,1967	6 1/2	12	32	15	"	D	Brown clay 18;grey clay 44;limestone 48. Water at 47.
Con VIII " 20	R.Crawford	W.Scriven	May 28,1964	6 1/2	5	18	12	"	D	Topsoil 2;brown clay 10;grey clay 33;limestone 36. Water at 36.
Con VIII " 20	J.Hodiak	E.Constable	Aug. 6,1967	6 1/2	2	28	10	"	D	Topsoil 3;brown clay 20;blue clay 23;limestone 36. Water at 34.
Con VIII " 22	Heeringa Bros.	F.Merritt	Nov. 6,1965	6 1/2	10	35	25	"	D	Brown clay 35;grey limestone 42. Water at 41.
Con VIII " 23	Elfrida S. School	E.Constable	Nov. 6,1966	6 1/2	5	42	40	"	P	Drilled well 38;limestone 48. Water at 45.
Con VIII " 24	J.Wilson	F.Merritt	May 29,1964	6 1/2	10	15	4	"	D	Brown clay 8;grey limestone 30. Water at 28.
Con VIII " 24	J.Senior	"	May 8, 1965	6 1/2	10	8	6	"	D	Brown clay 16;grey rock 24. Water at 23.
Con VIII " 24	A.Stewart	"	July 13, 1965	6 1/2	10	10	6	"	D	Brown clay 11;grey limestone 29. Water at 29.
Con VIII " 26	CWG Develop-ments Ltd.	W.Scriven	July 27, 1964	6 1/2	3	30	23	"	D	Topsoil 2;brown clay 6;limestone 39. Water at 39.
Con VIII " 26	"	Cross Bros.	May 6, 1965	6 1/2	3	35	15	"	D	Brown clay 24;limestone 39. Water at 39.
Con VIII " 26	H.Hartman	G.Wallis	Aug.16,1966	6 1/2	2	33	22	"	D	Brown clay 15;grey clay 19;grey limestone 47. Water at 45.
Con VIII " 26	W.Gaska	"	Apr.16,1967	6 1/2	7	20	15	"	D	Brown clay 14;dark grey limestone 29. Water at 27.
Con VIII " 32	StarliteHomes Ltd.	Cross Bros.	Aug. 1,1964	6 1/2	5	20	8	"	D	Brown clay 10;limestone 28. Water at 27.
Con VIII " 32	C.Uhler	E.Constable	Nov.14,1964	6 1/2	5	15	9	Sulphur	S	Topsoil limestone 25. Water at 23.
Con VIII " 32	W.Uhler	"	Nov.12,1966	6 1/2	3	18	10	Fresh	D	Topsoil 3;brown clay 10;limestone 24. Water at 20.
Con VIII " 32	W.Eichsteller	Cross Bros.	May 16,1967	6 1/2	10	30	8	"	D	Brown clay 12;limestone 44. Water at 40.
Con VIII " 33	G.Bohl	F.Merritt	Jan. 2,1965	6 1/2	10	30	25	"	D	Blue clay 6;grey limestone 40. Water at 38.

WENTWORTH COUNTY - cont.

West Flamborough Twp.	lot 2	Dr.D.Butson	Hadco Well Digging Ltd.	Aug. 2,1965							Clay 20;silty sand 63. Dry hole.
Con I	" 2	"	"	Aug. 3,1965	30						N Clay 20;sandy clay 24;sandy brown clay 60. Water at 10.
Con I	" 1	T.Spratt	H.Johnson	Oct.27,1966	36	4	74	Fresh	D		Brown sandy clay and stone 10;grey and red sand and stone fine to medium sand coarse sand layers 73;medium coarse sand and fine stones 79. Water from 73 to 79.
Con I	" 3	B.Connel	G.Wallis	Nov.25,1965	64	6	91	60	"	D	Brown sandy clay 18;grey clay 40;reddish brown sand with clay base 70;blue clay 91;grey limestone 105. Water at 103.
Con I	" 4	G.Algera	S.Gill	Nov.20,1964	64	3	103	54	"	D	Brown clay 12;sandy clay 45;blue clay 65;sandy clay 93;grey rock 108. Water at 107.
Con I	" 4	P.Nunn	F.Ince	June23,1965	64	1	82	40	"	D,S	Brown clay 20;blue clay 49;rock 82. Water at 75.
Con I	" 4	A.Vermeer	Cross Bros.	May 9,1967	64	10	80	40	"	D	Topsoil 2;sandy loam 12;brown clay 32;quicksand 80;blue clay 90;limestone 115. Water at 112.
Con I	" 5	J.Anthony Constr. Ltd.	Hadco Well Digging Ltd.	June 3,1964	274	2	39	28	"	D	Topsoil 1;brown clay 14;blue sand 40. Water at 28.
Con I	" 5	E.Nunn	F.Ince	June 3,1964	30	2	49	32	"	D	Topsoil 1;brown clay 16;blue sand 50. Water from 32 to 50.
Con I	" 5	E.Wiersma	"	Dec.22,1964	64	14	80	40	"	D	Brown clay 15;blue clay 62;limestone 80. Water at 78.
Con I	" 5	D.Bethune	"	Apr. 2,1965	64	10	120	95	"	D	Brown clay 15;blue clay 99;limestone 145. Water at 142.
Con I	" 5	A.Frampton	"	June28,1965	64	2	110	50	"	D	Brown clay 15;blue clay 63;limestone 110. Water at 108.
Con I	" 5	W.Mushing	S.Gill	May 28,1966	64	3	117	55	Sulphur	D	Brown clay 15;blue clay 56;limestone 117. Water at 110.
Con I	" 5	"	"	Aug.30,1966	64	1	132	27	"	D	Brown clay 18;blue clay 38;sand and clay 51;grey rock 133. Water at 85.
Con I	" 6	J.Pooke	H.Johnson	Dec.16,1967	36	10	25	23	Fresh	D	Brown hard clay and stone 7;blue hard clay 10;brown hard clay and stone 20;blue clay and stone 27;stone 29; Water at 23.
Con I	" 7	Dr.S.Threlkeld	F.Ince	Feb. 5,1964	64	15	66	63	"	D	Brown clay 10;stony blue clay 66;limestone 73. Water at 72.
Con I	" 7	G.Richter	"	May 26,1964	64	8	40	26	"	D	Brown clay 8;blue clay 31;limestone 46. Water at 42.
Con I	" 7	Loten Constr.	F.Ince	Apr.16,1964	64	4	37	15	"	D	Brown clay 10;blue clay 34;shale 41. Water at 38.
Con I	" 7	C.Heeringa	G.Wallis	Sep.27,1965	64	10	77	73	"	D	Brown sandy clay 24;grey clay 74;grey clay gravel and stones 83;grey limestone 91. Water at 90.
Con I	" 7	P.Marlatt Bldr	F.Ince	Jan.17,1967	64	15	13	7	"	D	Brown sandy clay 14;limestone 20. Water at 18.
Con I	" 7	A.Till	Cross Bros.	June19,1967	64	10	24	20	"	D	Sandy loam 6;brown clay 24;limestone 32. Water at 30.
Con I	" 8	C.Carless	F.Ince	Jan.22,1964	64	40	139	55	Sulphur	D	Brown clay 8;stony blue clay 97;limestone 139. Water at 138.
Con I	" 8	P.Vincent	"	June16,1964	64	15	35	28	Fresh	D	Brown clay 6;blue clay 40;shale 43. Water at 43.
Con I	" 8	M.Nicholson	G.Wallis	June24,1964	64	35	15	9	"	D	brown topsoil 7;brown clay and gravel with stones 13;grey limestone 28. Water at 26.
Con I	" 8	W.Armstrong	F.Ince	Aug. 4,1964	64	5	56	54	"	D	Brown clay 10;blue clay 63;gravel 64. Water at 63.
Con I	" 8	T.Snedden	"	Oct.14,1964	64	10	128	50	"	D	Brown clay 15;blue clay 91;limestone 128. Water at 115.
Con I	" 8	K.Stevens	"	Jan. 4,1965	64	2	120	50	Sulphur	D	Brown clay 10;blue clay 102;limestone 120. Water at 119.
Con I	" 8	T.Snedden	"	Feb.20,1965	64	1	120	50	"	D	Brown clay 10;blue clay 70;sandy clay 80;blue clay 101; limestone 120. Water at 119.
Con I	" 8	G.Cooper	"	Apr.22,1965	64	10	52	45	Fresh	D	Brown clay 8;blue clay 62;fine gravel 64. Water at 64.
Con I	" 8	N.Mengchel	"	Apr.30,1965	64	14	68	35	"	D	Brown clay 8;blue clay 45;limestone 71. Water at 70.
Con I	" 8	D.Battrick	"	June 8,1965	64	50	108	35	"	D	Brown clay 15;blue clay 79;limestone 108. Water at 98.
Con I	" 8	G.Corkery	"	June25,1965	64	4	95	45	"	D	Brown clay 10;blue clay 93;limestone 104. Water at 102.
Con I	" 8	Bartholomew J.	"	July 9,1965	64	7	100	73	"	D	Brown clay 12;blue clay 100;rock 112. Water at 104.
Con I	" 8	J.Heaslip	"	July12,1965	64	20	54	50	"	D	Brown clay 15;blue clay 67;sand 71;blue clay 81. Water at 67.
Con I	" 8	R.Ferretti	"	Nov. 1,1965	64	30	56	10	"	D	Brown clay 10;blue clay 42;limestone 56. Water at 54.
Con I	" 8	R.Bobola	"	Nov. 2,1965	64	30	92	40	"	D	Brown clay 10;blue sandy clay 64;limestone 92. Water at 90.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depth to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
West Flamborough Twp. -cont.										
Con I	lot 8	W.VanderLubbe	Cross Bros.	Nov.10,1965	6½	10	75	68	Fresh	D Sandy loam 16;fine sand 46;blue clay 70;fine sand 79;coarse gravel 82. Water at 82.
Con I	" 8	J.Podem	F.Ince	Feb.26,1966	6½	15	50	25	"	D Brown clay 10;blue clay 58;gravel 60. Water at 60.
Con I	" 8	Dr.R.Browne	"	Apr.14,1966	6½	1½	67	45	"	D Brown clay 15;blue clay 64;fine gravel 67. Water at 67.
Con I	" 8	J.Arnold	"	Apr.16,1966	6½	1½	98	33	"	D Brown clay 10;stony blue clay 77;limestone 98. Water at 90.
Con I	" 8	J.Harfmann	"	Apr.21,1966	6½	1½	114	50	"	D Brown clay 15;blue clay 86;limestone 114. Water at 110.
Con I	" 8	K.Stevens	R.Johnson	Mar. 9,1965	36	5	72	68	"	D Brown sand and clay 12;grey sand and shale 50;hardpan 53; stone and sand 69;fine sand 77. Water at 69.
Con I	" 8	J.Britton	F.Ince	May 11,1966	6½	1	80	35	"	D Brown clay 10;blue clay 56;limestone 80. Water at 78.
Con I	" 8	R.Carte	"	May 21,1966	6½	10	55	50	"	D Brown clay 12;blue clay 78;fine gravel 80. Water at 80.
Con I	" 8	W.VanderLubbe	Cross Bros.	July 8,1966	6½	3	100	70	Sulphur	D Brown clay 26;blue clay 75;fine gravel 78;blue clay 80; limestone 112. Water at 110.
Con I	" 8	"	"	July14,1966	6½				"	Brown clay 26;blue clay 60;coarse sand 66;blue clay 80. Dry hole.
Con I	" 8	"	"	July11,1966	6½				"	Brown clay 28;blue clay 60;coarse sand 68;blue clay 78. Dry hole. Casing pulled.
Con I	" 8	"	"	July16,1966	6½				"	Sandy loam 30;blue clay 62;coarse sand 63;blue clay 81. Dry hole. Casing pulled.
Con I	" 8	J.Long	F.Ince	July25,1966	6½	1	65	35	Fresh	D Brown clay 10;blue clay 58;limestone 65. Water at 58.
Con I	" 8	R.Rivando	"	May 20,1966	6½	6	85	65	"	D Brown clay 12;blue clay 90;coarse gravel 91. Water at 91.
Con I	" 8	J.MacLean	Cross Bros.	May 25,1966	6½	12	60	40	"	D Sandy loam 18;grey clay 82;limestone 83. Water at 83.
Con I	" 8	A.DenOtter	F.Ince	Aug.25,1966	6½	1½	118	55	Sulphur	D Brown clay 15;blue clay 77;limestone 118. Water at 110.
Con I	" 8	R.Ernst	"	Apr.13,1967	6½	2	80	35	"	D Brown clay 10;blue clay 63;limestone 85. Water at 80.
Con I	" 8	P.Biedermann	"	Apr.24,1967	6½	10	62	56	Fresh	D Brown clay 10;blue clay 70;fine gravel 76. Water at 76.
Con I	" 8	P.Manscheten	"	May 3, 1967	6½	4	75	40	Sulphur	D Brown clay 10;blue clay 69;limestone 80. Water at 76.
Con I	" 8	L.Bacolime	"	May 10,1967	6½	3½	70	52	Fresh	D Brown clay 15;blue clay 69;fine gravel 75. Water at 75.
Con I	" 8	F.Marlett	"	May 23,1967	6½	1½	80	45	Sulphur	D Brown clay 15;blue clay 53;limestone 80. Water at 78.
Con I	" 8	Binbrook Builders	F.Merritt	June15,1967	6½	1	100	75	"	D Brown clay 80;blue clay 101;grey limestone 108. Water at 102.
Con I	" 8	H.Zimmerman Bldr.	G.Wallis	June30,1967	6½	3	55	35	"	D Sandy brown clay 24;grey clay 49;gravel and grey clay 65½; grey limestone 78. Water at 58 and 76.
Con I	" 8	L.Perry	F.Ince	July14,1967	6½	2	128	50	"	D Brown clay 10;blue clay 97;limestone 128. Water at 126.
Con I	" 8	F.Marlett	"	July15,1967	6½	10	83	68	"	D Brown clay 10;blue clay 90;fine gravel 93. Water at 93.
Con I	" 8	"	"	July19,1967	6½	2	105	50	"	D Brown clay 10;blue clay 100;fine gravel 107;limestone 115. Water at 107.
Con I	" 8	"	"	Sep.27,1967	6½	2	97	45	"	D Brown clay 15;blue clay 67;limestone 97. Water at 95.
Con I	" 8	"	"	Oct.25,1967	6½	1	125	55	"	D Brown clay 15;blue clay 104;limestone 125. Water at 123.
Con I	" 8	K.Schoedel	G.Wallis	Nov.16,1967	6½	10	50	40	"	D Brown clay 20;grey clay 68;dark grey limestone 73. Water at 72.
Con I	" 8	H.Zimmerman	"	Nov.17,1967	6½	3½	47	38	"	D Brown clay 24;grey clay 49;grey limestone 61. Water at 59.
Con I	" 8	R.Batrynychuk	"	Dec.20,1967	6½	20	60	47	"	D Sandy brown clay 26;grey clay 71;grey limestone 81. Water at 78.
Con I	" 9	Bullock's Corners Park Board	F.Ince	Jan.18,1964	6½	8	39	20	"	P Dug well 14;sandy clay 37;limestone 43. Water at 40.
Con I	" 9	VanHoeve Const. Ltd.	Cross Bros.	Nov.17,1964	6½	5	15	10	"	D Brown clay 14;limestone 22. Water at 20.
Con I	" 9	J.Hezno	G.Wallis	June12,1965	6½	18	25	29	"	D Brown sand 21;grey clay 38;fine gravel 39½. Water at 38.



WENTWORTH COUNTY - cont.  
West Flamborough - cont.

Con I	lot 9	A.Livock	S.Gill	Oct. 1, 1965	6 1/2	20	55	35	Fresh	D	Blue clay 20; clay and stones 55; sand 60; grey rock 68. Water at 65 and 67.
Con I	" 9	L.Bernardy	"	Nov. 12, 1965	6 1/2	10	80	65	"	D	Blue clay 20; grey clay 70; silt 85; grey rock 97. Water at 87 and 96.
Con I	" 9	D.McCain	F.Ince	Feb. 4, 1966	6 1/2	10	100	82	"	D	Brown clay 15; blue clay 97; limestone 104. Water at 100.
Con I	" 9	G.Liveck	R.Gill	June 1, 1966	6 1/2	20	45	35	Sulphur	D	Brown sand loam 20; clay 48; sand and stone 60; limestone 68. Water at 65.
Con I	" 9	F.Marlett	F.Ince	July 6, 1966	6 1/2	10	20	15	Fresh	D	Brown clay 10; stony clay 20; limestone 30. Water at 28.
Con I	" 9	J.Csermak	"	May 7, 1966	6 1/2	20	50	30	"	D	Brown clay 12; blue clay 54; limestone 64. Water at 63.
Con I	" 9	W.TerLaak	"	Oct. 12, 1966	6 1/2	5	90	50	"	D	Previously drilled in basement 10; brown clay 20; blue clay 89; limestone 105. Water at 90.
Con I	" 9	R.Cornell	Cross Bros.	May 13, 1967	6 1/2	8	25	10	"	D	Brown clay 22; limestone 33. Water at 31.
Con I	" 9	Halliday Homes Ltd.	F.Ince	May 25, 1967	6 1/2	8	55	35	"	D	Brown clay 10; blue clay 49; limestone 60. Water at 55.
Con I	" 9	F.Marlett	"	July 9, 1967	6 1/2	2	83	38	Sulphur	D	Brown clay 12; blue clay 60; limestone 83. Water at 82.
Con I	" 10	J.Thompson	"	Jan. 23, 1964	6 1/2	12	20	9	Fresh	D	Brown clay 4; sandy clay 28; gravel 30. Water at 30.
Con I	" 10	N.Hipel	"	Apr. 27, 1964	6 1/2	15	75	71	"	D	Brown clay 10; blue clay 81; limestone 87. Water at 85.
Con I	" 10	F.Marlett	"	July 1, 1965	6 1/2	20	80	75	"	D	Brown clay 15; blue clay 89; limestone 95. Water at 93.
Con I	" 10	R.Numan	S.Gill	Oct. 16, 1965	6 1/2	10	38	30	"	D	Clay and stones 21; brown rock 48. Water at 40 and 44.
Con I	" 10	F.Marlett	F.Ince	July 13, 1966	6 1/2	15	64	54	"	D	Brown clay 10; blue clay 67; limestone 74. Water at 72.
Con I	" 10	J.Flatt	"	July 22, 1967	6 1/2	20	20	15	"	D	Brown clay 8; shale 12; limestone 32. Water at 30.
Con I	" 11	J.Parnon	W.Packham	Apr. 30, 1964	6 1/2	15	60	40	"	D	Fit 4; clay 12; very soft shale 32; hard limestone 76; red shale 80. Water at 30 and 65.
Con I	" 11	Hamilton Region Conservation Authority	Cross Bros.	Aug. 25, 1967	6 1/2	1	95	40	"	P	Brown clay and boulders 23; limestone 74; blue shale 96; red shale 100. Water at 96.
Con I	" 18	A.Zuccola	"	Sep. 25, 1965	6 1/2	2	80	30	"	D	Brown clay 22; limestone 50; blue shale 85. Water at 80.
Con I	" 18	Hamby Constr.	"	Oct. 29, 1965	6 1/2	8	75	45	"	D	Brown clay 12; limestone 70; blue shale 90. Water at 90.
Con I	" 18	A.Bragagnolo	G.Wallis	Jan. 11, 1966	6 1/2	4 1/2	71	30	"	D	Brown clay 10; grey clay 21; grey limestone 70; blue limestone 86. Water at 40 and 74.
Con I	" 18	T.Basile	"	Apr. 18, 1966	6 1/2	14	76	35	"	D	Light brown clay 14; grey clay 17 1/2; grey limestone 70; blue rock 88; red shale 90. Water at 84.
Con I	" 18	W.Kohlberger	"	June 2, 1966	6 1/2	1	90	36	"	D	Brown clay 19; grey clay 23; grey limestone 72; blue rock 98; red shale 102. Water at 72.
Con I	" 18	Hamby Constr.	Cross Bros.	Feb. 20, 1967	6 1/2	10	65	40	"	D	Brown clay 10; limestone 72; blue shale 79; red shale 81. Water at 80.
Con II	" 2	A.Bogalinski	F.Ince	Apr. 14, 1967	6 1/2	20	30	20	"	D	Brown sandy clay 20; blue sandy clay 27; limestone 39. Water at 37.
Con II	" 3	A.Goomber	"	Feb. 9, 1966	6 1/2	5	100	55	"	D	Brown sandy clay 10; blue clay 93; limestone 106. Water at 100.
Con II	" 3	G.Kehn	"	Apr. 11, 1966	6 1/2	20	80	65	"	D	Brown clay 15; blue clay 84; limestone 111. Water at 108.
Con II	" 3	M.Wilson	S.Gill	Oct. 1, 1966	6 1/2	6	62	45	"	D	Brown clay 14; sandy clay 24; blue clay 55; sandy clay 80; grey rock 103. Water at 103.
Con II	" 5	R.Wessel	J.Ruttan	Aug. 3, 1966	6 1/2	1	91	42	"	D	Sandy soil 19; grey clay 25; brown limestone 91. Water at 42 and 85.
Con II	" 5	G.VanHoof	F.Ince	Aug. 28, 1967	6 1/2	20	50	40	"	D	Brown sandy clay 15; blue clay 23; limestone 60. Water at 57.
Con II	" 6	Ont. Rendering Co.	I.Smelser	Dec. 13, 1964	13	80	65	28	"	In	Fill 5; dirty silty sand 27; limestone 90. Water at 80.
Con II	" 6	N.Binkley	J.Anderson	June 16, 1965	6 1/2	2 1/2	41	15	"	D	Fill 4; limestone 43. Water at 41.
Con II	" 6	G.Belyea	J.Ruttan	July 24, 1965	6 1/2	5	32 1/2	18	"	D	Silt 3; brown limestone 32 1/2. Water at 26.



# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
W. Flamborough Twp.-cont.										
Con II	lot 6	F.Stone	J.Ruttan	Feb.22,1967	6½	1½	35	6	Fresh	D Silt 3;broken limestone 14;limestone 35. Water at 24.
Con II	" 7	F.Passant	Cross Bros.	May 21,1966	6½	2	150	50	"	D Topsoil 2;brown clay 26;blue clay 70;fine sand 102;limestone 152. Water at 140.
Con II	" 7	B.Hart	F.Ince	Oct.30,1967	6½	10	86	84	"	D Brown stony clay 30;blue clay 85;coarse gravel 94. Water at 94.
Con I	" 7	E.Kaarsemaker	"	Nov.16,1967	6½	10	80	78	"	D Brown stony clay 32;blue clay 82;gravel 90. Water at 84.
Con II	" 7	G.Kwakernaak	"	Sep.18,1967	6½	1	117	70	"	D Brown sandy clay 20;blue clay 48;limestone 117. Water at 115.
Con II	" 7	"	"	Dec.20,1967	6½	45	97	35	"	D Brown clay 3;brown sandy clay 20;blue clay 33;limestone 97. Water at 90.
Con II	" 8	J.Hamstra	S.Gill	Jan.10,1964	5	2	33	25	"	D Well deepened 33;grey rock 86. Water from 40 to 86.
Con II	" 8	F.Kush	F.Ince	Feb. 7,1964	6½	½	65	25	"	D Brown sandy clay 19;limestone 65. Water at 55.
Con II	" 8	Old Christian Reformed Church	"	May 28,1964	6½	1	128	50	"	D Brown clay 10;blue clay 100;blue soupy sand 116;limestone 128. Water at 114.
Con II	" 8	Dixon Development	"	July21,1964	6½	1	65	30	"	D Brown clay 15;blue clay 25;limestone 65. Water at 55.
Con II	" 8	"	"	July22,1964	6½	½	80	35	"	D Brown clay 16;blue clay 35;limestone 80. Water at 75.
Con II	" 8	C.Haverlog	B.Ruttan	Aug.14,1964	6	10	27	21	"	D Brown sand 23;brown limestone 61. Water at 27 and 45.
Con II	" 8	K.Stutt	C.Hill	Sep.25,1964	4	10	40	36	"	D Sandy clay 45;brown limestone 56. Water at 56.
Con II	" 8	Dixon Development	F.Ince	Oct.20,1964	6½	½	94	47	"	D Brown clay 15;blue clay 37;limestone 94. Water at 85.
Con II	" 8	"	"	Oct.23,1964	6½	1	96	50	"	D Brown clay 15;blue clay 44;limestone 96. Water at 85.
Con II	" 8	J.Elzinga	"	Dec. 6,1966	6½	½	84	30	"	D Brown clay 6;brown sandy clay 24;rock 84. Water at 40.
Con II	" 7	T.Reid	"	Mar. 2,1967	6½	10	83	78	"	D Brown stony clay 25;blue stony clay 83;gravel 93. Water at 93.
Con II	" 8	C.Davis	"	Apr. 4,1967	6½	15	50	40	"	D Brown stony clay 20;blue stony clay 45;limestone 60. Water at 55.
Con II	" 8	G.Kwakernaak	"	May 31,1967	6½	½	90	27	"	D Brown clay 10;blue clay 26;limestone 90. Water at 65.
Con II	" 8	"	"	June 5,1967	6½	½	90	28	"	D Brown sandy clay 10;blue clay 27;limestone 90. Water at 65.
Con II	" 8	J.Bailey	S.Gill	June26,1967	6½	20	77	68	"	D Topsoil 2;sandy clay and stone 12;brown sand and gravel 30; limestone 95. Water at 95.
Con II	" 8	G.Kwakernaak	F.Ince	Aug. 4,1967	6½	1	90	35	"	D Brown clay 10;blue clay 35;rock 90. Water at 50.
Con II	" 8	"	"	Aug.25,1967	6½	15	90	30	"	D Brown sandy clay 20;blue clay 27;limestone 90. Water at 45.
Con II	" 8	Greenville School	"	Dec.16,1967	6½	20	67	24	"	F Brown clay 3;brown sandy clay 20;limestone 75. Water at 36 and 60.
Con II	" 8	J.Huismon Bldr.	W.Packham	Oct.20,1967	6½	6	60	23	"	D Sandy clay 24;limestone 67. Water at 26.
Con II	" 9	O.Borman	S.Gill	Apr.2, 1964	6½	10	40	25	"	D Blue clay with stones 34;grey rock 60. Water at 55 and 58.
Con II	" 9	H.Vanderveen	F.Ince	Apr.15,1964	6½	1	62	30	"	D Brown stony clay 18;limestone 62. Water at 50.
Con II	" 9	J.Romkes	"	May 21,1964	6½	20	25	15	"	D Brown clay 6;sandy clay 31;gravel 35. Water at 35.
Con II	" 9	Greenville Auto Service	"	Oct.12,1964	6½	1½	40	6	"	C Brown clay 6;limestone 40. Water at 25.
Con II	" 9	Guthrie & VanAsselt	"	Dec.16,1964	6½	2	30	4	"	D Brown clay 4;shale 10;limestone 35. Water at 8.
Con II	" 9	H.Guthrie	"	Feb.23,1965	6½	8	30	8	"	D Brown sandy clay 8;rock 35. Water at 30.
Con II	" 9	B.Webber	"	July15,1965	6½	4	30	10	"	D Brown sandy clay 18;shale 38. Water at 35.
Con II	" 9	G.Kwakernaak	"	Sep.12,1966	6½	1	42	12	"	D Brown clay 8;limestone 42. Water at 35.

## WENTWORTH COUNTY - cont.

West Flamborough Twp.		cont.										
Con II	lot 9	G. Rayner	F. Ince	Dec. 13, 1966	6 1/2	4	50	25	Fresh	D	Brown clay 4; brown sandy clay 25; rock 60. Water at 55.	
Con II	" 10	Hambly Constr.	Cross Bros.	Apr. 20, 1964	6 1/2	3	60	40	"	D	Sand and gravel 46; cemented gravel 64; rock 68. Water at 60.	
Con II	" 10	D. Lyons	F. Ince	Feb. 18, 1965	6 1/2	20	32	30	"	D	Brown sandy clay 30; shale 38; rock 45. Water at 43.	
Con II	" 10	"	"	July 21, 1965	6 1/2	20	30	15	"	D	Brown clay 6; brown sandy clay 20; shale 39. Water at 38.	
Con II	" 10	T. Hayes	"	Aug. 8, 1966	6 1/2	3	40	18	"	D	Brown sandy clay 22; limestone 44. Water at 30.	
Con II	" 10	D. Graham	"	Apr. 19, 1967	6 1/2	8	40	35	"	D	Brown stony clay 20; blue stony clay 35; limestone 55. Water at 50.	
Con II	" 10	C. Ashman	Cross Bros.	June 2, 1967	6 1/2	10	34	20	"	D	Sandy loam 15; sand and gravel 30; limestone 48. Water at 45.	
Con II	" 10	H. Timmerman	G. Wallis	July 1, 1967	6 1/2	7	50	30	"	D	Brown sandy soil 24; brown sandy clay 43; red clay 53; brown limestone 63. Water at 61.	
Con II	" 10	A&P. Constr.	F. Ince	Dec. 23, 1967	6 1/2	2	40	18	"	D	Brown clay 10; blue clay 31; limestone 41. Water at 38.	
Con III	" 1	J. Bencsik	H. Johnson	Sep. 23, 1966	36	5	11	8	"	D	Black loam 1; fine gravel 9; fine brown sand 10; blue clay 15; blue sand 23; bedrock. Water at 8.	
Con III	" 3	A. Fuscher	J. Anderson	June 6, 1964	6 1/2	8	49	49	Sulphur	S	Brown clay 14; limestone 105. Water at 102.	
Con III	" 3	J. Hyde	H. Johnson	May 31, 1965	36	2	15	12	Fresh	D, S	Brown sand 15; sticky silt 21; red rock. Water at 15.	
Con III	" 3	W. Walker	J. Ruttan	June 10, 1965	6	1/2	16	16	Sulphur	D	Brown clay 8; grey clay 16; light brown limestone 49. Water at 44.	
Con III	" 4	"	"	June 11, 1965	6 1/2	15	18	18	Fresh	D	Brown clay 6; grey clay 16; brown limestone 34. Water at 27.	
Con III	" 4	J. Hyde	F. Ince	June 30, 1965	6 1/2	2	90	26	"	S	Brown sandy clay 15; blue clay 22; limestone 100. Water at 90.	
Con III	" 6	J. Boers Jr.	"	June 12, 1964	6 1/2	20	100	60	"	D, S	Brown sandy clay 30; grey sandy clay 64; limestone 129. Water at 128.	
Con III	" 7	S.S.# 1. West Flamborough	W. Packham	Nov. 11, 1964	6 1/2	10	50	29	"	P	Topsoil 1; broken limestone 3; solid dark grey limestone 63. Water at 60.	
Con III	" 7	V. Mann	B.O'Connor	Oct. 18, 1966	6 1/2	3 1/2	70	55	"	D, S	Drilled well 55; limestone 70. Water from 55 to 70.	
Con III	" 7	R. Rutherford	W. Packham	Oct. 16, 1967	6 1/2	20	65	17	"	D	Clay 2; shale 4; limestone 74. Water at 72.	
Con III	" 8	A. Arsensault	J. Anderson	Oct. 31, 1966	6 1/2	12	43	20	"	D	Fill 2; grey limestone 65. Water at 64.	
Con III	" 9	E. Stronke Constr.	J. Ruttan	Dec. 31, 1965	6 1/2	3	43 1/2	7	"	D	Brown clay 18; grey clay 39; brown limestone 43 1/2. Water at 42 1/2.	
Con III	" 9	Canada Crushed Stone Quarry	Cross Bros.	Oct. 25, 1966	6 1/2	10	90	80	"	D	Dug well 20; shale 23; limestone 98. Water at 97.	
Con III	" 9	W. Martyniuk	W. Packham	Sep. 10, 1966	6 1/2	10	85	47	"	D, S	Clay 47; bedrock 92. Water at 72 and 90.	
Con III	" 9	"	"	Sep. 12, 1966	6 1/2	5	95	45	"	S	Clay 52; bedrock 96. Water at 75 and 90.	
Con III	" 12	G. Cox	S. Gill	Aug. 26, 1965	6 1/2	5	48	18	"	D	Blue clay 10; fine sand 30; rock 53. Water at 48 and 52.	
Con III	" 13	H. VanderStoop	B. Ruttan	May 15, 1964	6	3	43	6 1/2	"	P	Brown clay 17; very soft grey clay 26; very soft clay 36; brown limestone 50. Water at 45.	
Con III	" 13	J. Metcalfe	F. Ince	May 6, 1967	6 1/2	10	40	18	"	D	Brown clay 12; blue clay 37; limestone 47. Water at 46.	
Con III	" 13	L. Flett	S. Gill	June 2, 1967	6 1/2	8	44	36	"	D	Brown sandy topsoil and gravel 18; tile and stone 33; limestone 44. Water at 44.	
Con III	" 13	T. Larmann	G. Wallis	Sep. 8, 1967	6 1/2	30	12	3	"	D	Brown clay 12; grey clay 52; grey limestone 55. Water at 54.	
Con III	" 14	O. DeCarlo	H. Johnson	Sep. 28, 1966	36	5	32	28	"	D, S	Black loam 1; brown sandy loam 6; brown sand shale and stone and hardpan 25; red sand 28; coarse grey sand 39. Water at 28.	
Con III	" 15	L. Ofield	W. Packham	May 11, 1964	6 1/2	6	60	24	Sulphur	D	Clay 50; stony clay 58; bedrock 70. Water at 65.	
Con III	" 15	"	H. Johnson	June 22, 1964	36	5	17	15	Fresh	D	Brown sand 27; coarse sand and stone 30; rock. Water at 15.	
Con III	" 16	V. Fakreslis Bldr.	W. Packham	Mar. 5, 1966	6 1/2	20	50	25	"	D	Grey clay 40; reddish brown clay 58; limestone 66. Water at 64.	
Con III	" 16	H. Huismon	"	Mar. 7, 1966	6 1/2	30	50	25	"	D	Grey clay 45; reddish brown clay 62; bedrock 71. Water at 68.	
Con III	" 18	K. McArthur	"	Apr. 17, 1966	6 1/2	20	45	30	"	D	Soft clay 28; limestone 64. Water at 60.	

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations entered below the surface are given in feet)
WENTWORTH COUNTY - cont.										
West Flamborough Twp.	- cont.									
Con III lot 21	L. Chappel	W.Packham	Apr.28,1964	6½	2	58	6	Fresh	D	Clay 19;limestone with layers shale 75;red shale 78. Water at 25 to 30.
Con III	24 A.Young	Cross Bros.	Jan.13,1965	6½	10	35	30	"	D	Brown clay 22;grey clay 38;limestone 48. Water at 47.
Con III	24 J.Germans	"	June18,1965	6½	8	30	28	"	D	Brown clay 33;limestone 40. Water at 39.
Con III	24 L.Baker	B.O'Connor	July21,1967	6½	8	11	6	"	D	Topsoil 1;brown clay 9;limestone 20. Water at 14.
Con IV	1 R.Sohn	Cross Bros.	June 9,1967	6½	1	58	25	Sulphur	D	Sandy loam 7;limestone 58. Water at 50.
Con IV	3 H.Lauson	S.Gill	Jan. 6,1964	6½	16	30	20	Fresh	D	Blue clay 6;grey rock 40. Water at 38.
Con IV	4 J.McColl	G.Wallis	May 11,1965	6½	25	17	3	"	D	Broken limestone 2;light grey limestone 31. Water at 30.
Con IV	5 H.Ollman	J.Anderson	Mar.13,1964	6½	15	30	25	"	D	Grey limestone 35. Water at 20.
Con IV	5 R.Hollmen	F.Ince	May 20,1965	6½	20	15	6	"	D	Shale 6;limestone 35. Water at 30.
Con IV	5 H.Ollman	J.Anderson	Sep.17,1966	6½	12	17	9	"	D	Fill 3;grey limestone 69. Water at 68.
Con IV	6 West Flamborough Twp.	"	Mar.19,1964	6½	5	23	23	"	C	Floor of quarry 18;grey limestone 36. Water at 30.
Con IV	6 Quarry Corp.of West Flamborough	E.Pegg	June29,1965	5	10	29	21	"	D	Previously drilled 40;limestone 55. Water at 52.
Con IV	6 P.Montel	W.Packham	Apr. 6,1967	6½	2½	60	12	"	S	Stone and clay 2;shale 4;limestone 65. Water at 62.
Con IV	6 W.Burke	"	June 8,1967	6½	1	50	20	"	D	Topsoil and stones 2;shale 8;bedrock 54. Water at 50.
Con IV	6 D.Gray	J.Anderson	July24,1967	6½	11½	58	12	"	D	Grey limestone 72. Water at 70.
Con IV	7 A.Leslie	F.Ince	Apr. 7,1966	6½	1	66	8	"	C	Shale 2;limestone 66. Water at 60.
Con IV	10 H. Huismon Bldr.	W.Packham	May 27,1966	6½	8	50	27	"	D	Clay 45;limestone 60. Water at 50 and 55.
Con IV	15 C.Nagy	"	Jan.21,1964	6½	15	120	12	"	D	Sandy loam 40;sandy clay 94;limestone 138. Water at 135.
Con IV	15 A.Boyd	F.Ince	May 14,1964	6½	20	80	40	"	D	Brown clay 10;blue sandy clay 85;hardpan 92;limestone 107. Water at 105.
Con IV	15 S.Doubrough	"	July15,1965	6½	30	60	55	"	D,S	Brown clay 10;clay 106;shale 132. Water at 120.
Con IV	15 A.LaPlante	W.Packham	Nov.13,1965	6½	20	70	32	"	D	Sandy loam 15;sandy clay 82;bedrock(grey limestone) 95. Water at 94.
Con IV	17 J.Hozian	Cross Bros.	Feb.19,1965	6½	5	65	15	"	D	Sandy loam 3;fine sand 60;fine gravel 68;coarse gravel 70. Water at 70.
Con IV	17 F.Carter	G.Wallis	Sep.14,1966	6½	6	54	27	"	D	Gravelly brown sand 58;grey limestone 68. Water at 66.
Con IV	18 E.Frandsen	W.Packham	May 22,1965	6½	30	21	16	"	D	Clay 30;silty sandy clay 76;shale 79;solid rock 81. Water at 79.
Con IV	18 R.Shaw	J.Ruttan	June24,1965	6	2	70	8	"	D	Light brown sand 32;sand and some gravel 49;quicksand 59; limestone 70. Water at 63.
Con IV	18 W.Kohlberger	G.Wallis	Oct. 6,1965	6½	25	20	7	"	D	Brown sandy soil and gravel 33;grey clay heavy sand and gravel 59;grey limestone 63. Water at 62.
Con IV	18 "	"	Dec. 1,1965	6½	1	20	8	"	D	Brown sandy soil 25;grey gravelly clay 59½;grey limestone 63½. Water at 62.
Con IV	18 P.Scharringa	Hadco Well Drlg. & Digging Ltd.	Nov.30,1967	30	6	35	10	"	D,S	Sandy fill 2;brown clay 8;brown sand 10;red sand 38;grey sandy clay 40. Water at 10.
Con IV	19 W.Kohlberger	G.Wallis	Mar.30,1964	6½	20	65	12	"	D	Light brown clay 8;sandy grey clay 16;grey running sand 30; reddish running sand 41;red sand and grey clay 68;grey clay 75. Water at 73.
Con IV	19 "	"	Apr. 1,1964	6½	20	50	13	"	D	Light brown clay 12;sandy grey clay 25;running grey sand 35; grey clay and red sand 60;sand and gravel with clay streaks 69;fine gravel and broken limestone 71. Water at 69.
Con IV	19 "	"	July29,1964	6½	20	20	13	"	D	Brown sandy soil 15;sand and gravelly grey clay 40;red sand and grey clay 64;gravelly grey clay 69;broken limestone 72. Water at 70.

## WENTWORTH COUNTY - cont.

West Flamborough Twp. - cont.

Con IV	lot 19	W.Kohlberger	G.Wallis	July 31, 1964	6½	20	20	10	Fresh	D	Sandy brown soil 10; grey clay 16; reddish brown sand and silt 42; red sand and grey clay 64; broken limestone 66. Water at 65.
Con IV	" 22	G.Bertollo	F.Ince	Aug. 26, 1966	6½	20	20	10	"	D	Brown clay 10; blue stony clay 32; limestone 40. Water at 38.
Con IV	" 22	J.Hladysh	J.Ruttan	Feb. 17, 1967	6½	15	24	12	"	D	Grey clay 31; brown clay and gravel 38; broken limestone 42; brown limestone 49½. Water at 48.
Con V	" 1	T.Cooke	G.Wallis	May 7, 1965	6½	6	33	9	"	D	Broken limestone 2; light grey limestone 47. Water at 45.
Con V	" 1	J.Bolegoh	"	June 11, 1965	6½	1	70	10	Sulphur	S	Brown sandy soil 11; light grey limestone 81. Water at 45.
Con V	" 1	"	"	June 18, 1965	6½	40	13	10	Fresh	S	Brown sandy soil 10; light grey limestone 30. Water at 28.
Con V	" 4	F.Bask	J.Anderson	July 19, 1966	6½	5	56	18	"	D	Pill 5; limestone 60. Water at 58.
Con V	" 6	C.W.C.Dev.Ltd.	W.Scriven	Aug. 10, 1964	6½	5	18	8	"	D	Topsoil 2; brown clay 11; limestone 29. Water at 29.
Con V	" 7	L.Suterski	J.Anderson	May 24, 1967	6½	15	10	8	"	S	Clay 6; grey limestone 54. Water at 52.
Con V	" 7	W.Smith	"	Aug. 3, 1967	6½	17	26	5	"	D	Brown clay 2; dark grey limestone 61. Water at 59.
Con V	" 9	M.Onufer	"	June 16, 1966	6½	8	15	7	"	D	Grey limestone 36. Water at 35.
Con V	" 11	F.Fugliarelli	Cross Bros.	June 21, 1965	6½	3	45	15	"	D	Sandy loam 4; loose rock 10; limestone 47. Water at 40.
Con V	" 11	G.Carey	F.Ince	Nov. 17, 1966	6½	5	40	20	"	D	Brown clay 3; limestone 45. Water at 43.
Con V	" 18	C.Marcanti	"	Nov. 26, 1964	6½	25	30	25	"	D	Brown clay 15; sandy clay 60; shale 61. Water at 61.
Con V	" 18	R.VanWoika	G.Wallis	Sep. 15, 1967	6½	20	90	48	"	D	Brown sand 60; grey silt and sand 70; grey clay 93; grey limestone 101. Water at 99.
Con V	" 19	G.Copp	B.O'Connor	June 5, 1965	6½	20	30	30	"	D	Pine sand 85; blue clay. Water at 85.
Con V	" 19	W.Kohlberger	G.Wallis	Apr. 11, 1966	6½	25	25	14	"	D	Brown sand 55; gravelly grey clay 64; grey limestone 70. Water at 69.
Con V	" 19	Ont. Dept. of Highways	W.Packham	Apr. 4, 1966	6½	10	60	32	"	D	Sandy loam 10; sandy clay loam 75; bedrock 82. Water at 79.
Con VI	" 6	A.Nagy	"	Nov. 13, 1965	6½	2	5	10	"	D	Topsoil 2; shaly broken rock 10; solid limestone 55. Water at 53.
Con VI	" 6	W.Smith	J.Anderson	July 25, 1966	6½	5	23	15	"	D	Black loam 4; limestone 60. Water from 25 to 60.
Con VI	" 6	A.Rogalinski	F.Ince	May 8, 1967	6½	5	40	8	"	D	Brown clay 2; shale 8; limestone 55. Water at 50.
Con VI	" 6	"	"	July 21, 1967	6½	2	70	15	"	D	Brown clay 1; shale 11; limestone 78. Water at 70.
Con VI	" 7	K.O'Neill	J.Anderson	Oct. 16, 1964	6½	8	14	12	"	D	Topsoil 2; gravel 15; limestone 34. Water at 32.
Con VI	" 8	L.Gardener	"	Oct. 17, 1966	6½	5	5	16	"	D	Pill 1; grey limestone 59. Water at 50.
Con VI	" 8	J.Cooke	F.Ince	Sep. 19, 1966	6½	3	35	20	"	D	Brown clay 3; gravel 17; muddy sand 38; limestone 43. Water at 42.
Con VI	" 14	H.Lember	W.Packham	July 24, 1964	6½	20	30	14	"	D	Stones and clay 24; rock 47. Water at 44.
Con VI	" 16	D.Cook	J.Ruttan	Jan. 4, 1966	6½	20	3	2	"	D	Silt 13; brown limestone 18; green limestone and shale formation 31. Water at 29.
Con VI	" 19	G.Copp	G.Wallis	Feb. 15, 1966	6½	20	50	32	"	D	Light brown sand 45; sandy grey clay 85; grey limestone 87½. Water at 86.
Con VII	" 1	I.Melnyk	S.Gill	Jan. 4, 1964	6½	7	90	40	"	D	Dug well 18; grey clay 50; sandy clay 70; grey rock 101. Water at 9 and 100.
Con VII	" 3	J.Skarica	W.Packham	June 8, 1965	6½	30	20	9	"	D, S	Stone sand and gravel 26; bedrock 39. Water at 35.
Con VII	" 5	J.Koren	F.Ince	Apr. 26, 1965	6½	15	20	8	"	D	Brown clay 3; shale 15; limestone 35. Water at 30.
Con VII	" 5	A.Gunson	J.Ruttan	Sep. 8, 1966	6½	8	37	34	"	D	Grey clay and flagstone 18; brown limestone 43. Water at 38.
Con VII	" 7	J.Hopkins	"	Dec. 28, 1966	6½	10	44	15	"	D	Brown sand 33; limestone 44. Water at 43.
Con VII	" 7	G.Bailey	J.Anderson	Sep. 22, 1967	6½	14	33	23	"	D	Pine sand 48; grey limestone 50. Water at 50.
Con VII	" 10	Dr. C. Hopmans	J.Ruttan	Oct. 27, 1965	6½	20	26	37	"	D	Silt 7; boulders and sand 26; gravel sand and clay 73; grey limestone 83. Water at 79.
Con VII	" 11	I.Waxman	G.Wallis	June 23, 1965	6½	30	30	18	"	D, S	Brown sandy clay 34; sand and gravelly grey clay 45; coarse sand and gravel 46½. Water at 45.

# APPENDIX C-RECORDS FOR WATER WELLS DRILLED FROM 1964 TO 1967

LOCATION *	OWNER	DRILLER	COMPLETION DATE	CASING DIAMETER INCHES	PUMPING TEST G.P.M.	PUMPING LEVEL FEET	STATIC LEVEL FEET	KIND OF WATER	USE *	LOG AND REMARKS * (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
West Flamborough Twp.	- cont.									
Con VII lot 12	H. Fikar	Cross Bros.	Feb. 17, 1966	6 1/4	10	15	3	Fresh	D	Brown clay 3; fine sand 12; sand and gravel 18; fine gravel 21. Water at 21.
Con VII " 13	R. Comin	W. Packham	July 3, 1965	6 1/4	30	10	4	"	S	Stony clay 4; shale 20; solid rock 36. Water at 32.
Con VII " 13	A. Claessens	Cross Bros.	Sep. 28, 1966	6	12	20	15	"	C	Topsoil 2; sand and stones 6; shale 10; limestone 30. Water at 27.
Con VIII " 1	H. Huismon	W. Packham	June 22, 1967	6 1/4	1 1/2	65	31	"	D	Stony clay 24; limestone 68. Water at 65.
Con VIII " 2	M. Gowland	J. Ruttan	July 12, 1966	6 1/4	6	35	9	"	D	Clay and flagstone 8; brown limestone 35. Water at 20 and 33.
Con VIII " 3	E. Mushta	J. Anderson	May 31, 1965	6 1/4	13	16	14	"	D, S	Black loam 10; quicksand 28; limestone 34. Water at 33.
Con VIII " 7	C. Hildreth	W. Packham	June 13, 1964	6 1/4	20	20	14	"	D	Stones and clay 20; shale limestone 28. Water at 26.
Con VIII " 10	W. Jackson	F. Inoe	Jan. 19, 1966	6 1/4	20	14	12	"	D	Brown stony clay 10; sandy clay 22; gravel 24. Water at 24.
Con VIII " 10	M. Spedaler	"	Jan. 4, 1967	6 1/4	3 1/2	92	35	"	D, S	Drilled in pit 5; stony clay 40; sandy clay 72; limestone 92. Water at 90.
Con IX " 2	A. Cyzius	J. Anderson	Aug. 17, 1966	6 1/4	10	21	11	"	D, S	Dark sandy soil 8; grey limestone 32. Water at 30.
Con IX " 2	T. Cyzius	"	June 20, 1967	6 1/4	15	29	19	"	D	Brown clay with pebbles 21; grey limestone 42. Water at 40.
Con IX " 5	R. Wise	"	Dec. 5, 1964	6	5	20	18	"	D	Dug well 12; red soupy clay 26; limestone 56. Water at 40.
Con IX " 5	L. Martin	W. Packham	Sep. 11, 1965	6 1/4	7	35	5	"	D	Gravel in sandy clay 20; bedrock 40. Water at 21 and 37.
Con IX " 6	W. Revell	J. Anderson	Nov. 25, 1967	6 1/4	12	38	30	"	D	Brown clay 30; black shale 50. Water from 40 to 50.
Con IX " 7	J. Mitchell	J. Ruttan	Dec. 2, 1964	6 1/4	10	34	31	"	D	Brown clay and small boulders 21; greenish limestone 50. Water at 38 and 46.
Con IX " 7	G. Newsome	J. Anderson	Jan. 6, 1967	6 1/4	8	47	30	"	D	Dark sandy soil 3; brown limestone 8; grey limestone 60. Water at 58.
Con IX " 7	Our Lady of Mt. Carmel Church	G. Wallis	Oct. 19, 1967	6 1/4	20	40	21	"	P	Brown clay gravel and stones 20; gravelly grey clay 29; brown limestone 53. Water at 51.
Con X " 2	Benson Chemical	W. Packham	June 19, 1964	8	60	35	27	"	C	Stones and gravel 15; limestone 80. Water at 75.
Con X " 2	Ont. Dept. of Highways	"	Apr. 20, 1966	6 1/4	10	55	12	"	D	Clay loam with stones 43; limestone 60. Water at 58.
Con X " 3	W. Hastie	Cross Bros.	Oct. 4, 1966	6 1/4	10	30	25	"	D	Sand gravel and boulders 15; sand and gravel 34; fine gravel 36. Water at 36.
Con X " 3	W. Winer	J. Anderson	June 4, 1965	6 1/4	3	48	11	"	D	Fine sand 6; brown sand 16; limestone 48. Water at 20 and 47.
Con X " 3	A. Devereaux	"	Nov. 18, 1966	6 1/4	15	7	7	"	D	Fill 3; limestone 30. Water at 28.

# FOOTNOTES TO APPENDIX C

The following abbreviations are used to designate surveys

Abbreviations	Survey	Municipality
BBF	Beasley's Broken Front	Waterloo Twp.
BF	Broken Front	Aldborough Bertie Clinton Twp. Dover Louth Sydenham Tuscarora Westminster West Oxford West Williams Woodhouse Woolwich
BC	Bayfield Concession	Goderich Twp.
BLB	Beasley's Lower Block	Waterloo Twp.
BNS	Beasley's New Survey	Waterloo Twp.
BOS	Beasley's Old Survey	Waterloo Twp.
BRE	Baldoon Road East	Dover
BRE	Belle River East	Rochester
BRE	Bury Road East	Albemarle Eastnor Lindsay St. Edmunds
BRN	Bayfield Road North	Stanley
BRN	Bleams Road North	Wilmot
BRS	Bleams Road South	Wilmot
BRW	Belle River West	Maidstone
BRW	Bury Road West	Albemarle Eastnor Lindsay St. Edmunds
BT	Beans Tract	Waterloo Twp.
BT	Bechtel's Tract	Waterloo Twp.
BT	Burch Tract	Brantford Twp.
BUT	Beans Unnumbered Tract	Waterloo Twp.
CF	Canborough Front	Moulton
CG	Caldwell Grant	Malden
CR	Colpoy's Range	Keppel
CRE	Centre Road East	McGillivray
CRE	Communication Road East	Harwich

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
CRN	Center Road North	Sydenham
CRS	Center Road South	Sydenham
CRW	Center Road West	McGillivray
CRW	Communication Road West	Harwich
CRW WGL	Communication Road West West of Gore Line	Harwich
CT	Clement Tract	Canborough
CT	Crook 's Tract	Woolwich
CTR RE	Caledonia-Townsend Road Range East	Oneida
CTR RW	Caledonia-Townsend Road Range West	Oneida
DRN	Durham Road North	Artemesia Bentinck Brant Glenelg Greenock Kincardine Twp. Kinloss Osprey
DRS	Durham Road South	Artemesia Bentinck Brant Glenelg Greenock Kincardine Twp. Kinloss Osprey
DT	Dochstader Tract	Canborough
ED	Eastern Division	Aldborough Ashfield Colborne Dover
ED FC	Eastern Division Front Concession	Gosfield South
ERN	Edgeware Road North	Yarmouth
ERN	Egremont Road North	Adelaide Warwick
ERN	Erb Road North	Wilmot
ERS	Edgeware Road South	Yarmouth
ERS	Erb Road South	Wilmot
ES	East Section	Wellesley
FC	Front Concession	Ashfield Howard Moore



FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
FCE	Fairchild Creek East	Onondaga
FCEMM	Front Concession East of Mohawk Mission	Onondaga Tuscarora
FC NTP	Front Concession North of Townplot	Ashfield
FC STP	Front Concession South of Townplot	Ashfield
FCW	Fairchild Creek West	Onondaga
FGT	Formerly Grantham Township	Niagara Twp. St. Catharines
FLH	Fronting Lake Huron	Plympton
FND	Formerly North Dorchester (Township)	North Oxford
FRN	Forks Road North	Moulton
FT	Fradenburg Tract	South Cayuga
GCT	German Company Tract	Waterloo Woolwich
GR	Georgian Range	Keppel
GRE	Garafraxa Road East	Egremont Glenelg Holland
GRE	Grand River East	North Dumfries South Dumfries Pilkington
GRFR	Grand River Front Range	Moulton
GRW	Garafraxa Road West	Bentinck Normanby Sullivan
GRW	Grand River West	North Dumfries South Dumfries Pilkington
HRN	Hamilton Road North	Brantford Twp.
HRS	Hamilton Road South	Brantford Twp.
HSE	Hurontario Street East	Mono Mulmur
HSW	Hurontario Street West	Mono Mulmur
HT	Heistands Tract	Waterloo Twp.
HT	Hitchings Tract	Woolwich
HT	Hornings Tract	Waterloo Twp.
IR	Indian Reserve	Canborough
JR	Jones Range	Keppel
JT	Jones Tract	North Cayuga South Cayuga

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
JTG	Joseph Thomas Grant	Brantford Twp.
JWT	James Wilson Tract	Waterloo Twp.
KT	Kerr Tract	Brantford Twp.
LEF	Lake Erie Front	Bertie
LES	Lake Erie Survey	Harwich
LPL	London Proof Line	Biddulph
LR	Lake Range	Bruce Hay Huron Saugeen
LRE	Lake Road East	Bosanquet Colborne Stanley
LRN	Lake Road North	Houghton Southwold
LRN	Longwoods Road North	Caradoc Ekfrid Mosa
LRS	Lake Road South	Houghton Southwold
LRS	Longwoods Road South	Caradoc Ekfrid Mosa
LRW	Lake Road West	Bosanquet Colborne Stanley
MB	Middle Block	Waterloo Twp.
MPRE	Mount Pleasant Road East	Brantford Twp.
MPRW	Mount Pleasant Road West	Brantford Twp.
MRE	Mill Road East	Southwold
MRE	Mitchell Road East	Blanshard Fullarton
MRN	Malden Road North	Colchester North
MRN	Middle Road North	Maidstone Orford Rochester Tilbury East Tilbury West
MRS	Malden Road South	Colchester North
MRS	Middle Road South	Maidstone Orford Rochester Tilbury East Tilbury West

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
MRW	Mill Road West	Southwold
MRW	Mitchell Road West	Blanshard Fullarton
NB	North Boundary	Biddulph Hay Stephen
NBC	North Boundary Concession	Blanshard
NRE	North Road East	Houghton
NRF	Niagara River Front	Bertie
NRW	North Road West	Houghton
NT	Nelles Tract	Seneca
NTP	North of Town Plot	Ashfield
NTRE	North Talbot Road East	Westminster
NTRW	North Talbot Road West	Westminster
ORE	Oxford Road East	Downie
ORN	Oliphant Road North	Amabel Keppel
ORS	Oliphant Road South	Amabel Keppel
ORW	Oxford Road West	Downie
OSRE	Owen Sound Road East	Arthur Twp.
OSRW	Owen Sound Road West	Arthur Twp.
OTP	Oliphant Town Plot	Amabel
PC	Petite Cote	Sandwich West
PRE	Plank Road East	Seneca
PRER	Plank Road East Range	Oneida
PRW	Plank Road West	Seneca
PRWR	Plank Road West Range	Oneida
RPP	Rondeau Provincial Park	Harwich
RR	River Range	Oneida Onondaga Saugeen Seneca Tuscarora
RRE	River Road East	Southwold
RRN	Rainham Road North	Dunn
RRS	Rainham Road South	Dunn

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
RRW	River Road West	Southwold
SB	South Boundary	Biddulph Hay Stanley Stephen
SBC	South Boundary Concession	Blanshard
SBTP	South Baymouth Town Plot	Bosanquet
SCRE	Stoney Creek Road East	Tehkummah Seneca
SCRNW	Stoney Creek Road North West	Seneca
SCRS	Stoney Creek Road South	Seneca
SCRW	Stoney Creek Road West	Seneca
SEB	South East Boundary	Usborne
SRE	Saugeen Road East	Arran Elderslie
SRE	Sydenham Road East	Artemesia Holland Melancthon
SRN	Snider Road North	Wilmot
SRS	Snider Road South	Wilmot
STP	South of Town Plot	Ashfield
SRW	Saugeen Road West	Saugeen
SRW	Sydenham Road West	Artemesia Holland Melancthon Proton
SWB	South West Boundary	Usborne
TR	Townline Range	Harwich Howard
TREBNS	Talbot Road East Branch North Side	Southwold
TREBSS	Talbot Road East Branch South Side	Southwold
TRN	Talbot Road North	Bayham Houghton Howard Maidstone Malahide Mersea Middleton North Cayuga Orford Yarmouth
TRN	Thames River North	Fullarton North Dorchester Usborne
TRNBES	Talbot Road North Branch East Side	Southwold

FOOTNOTES TO APPENDIX C (cont'd)

Abbreviations	Survey	Municipality
TRNBNS	Talbot Road North Branch North Side	Southwold
TRNBSS	Talbot Road North Branch South Side	Southwold
TRNBWS	Talbot Road North Branch West Side	Southwold
TRR	Talbot Road Range	Raleigh
TRS	Talbot Road South	Bayham Houghton Howard Maidstone Malahide Mersea Middleton North Cayuga Orford Yarmouth
TRS	Thames River South	Fullarton North Dorchester Usborne
TRS	Thames River Survey	Blanshard Harwich
TRSWB	Thames River Survey Western Boundary	Harwich
URN	Union Road North	Southwold
URS	Union Road South	Southwold
WBC	West Boundary Concession	Blanshard
WD	Western Division	Aldborough Ashfield Dover Gosfield South
WD LRE	Western Division Lake Road East	Colborne
WD LRW	Western Division Lake Road West	Colborne
WRS	Waterloo Road South	Guelph Twp.
WS	West Section	Wellesley Woolwich
WT	Westbrook Tract	Brantford Twp.

Uses of Water

The following abbreviations are used to designate uses of well water

C...Commercial	Ir...Irrigation	S... Stock
D...Domestic	P...Public Supply	T... Test hole
I...Industrial	R...Recharge well	T... Test hole with identification number

## APPENDIX D

### Previous Reports in the Series

#### Ground Water in Ontario

1. Ground Water in Ontario, 1947, 60th Annual Report, Ontario Department of Mines, Volume LX, Part XI, 1951.
2. Ground Water in Ontario, 1948, 1949 and 1950, Ontario Department of Mines, Bulletin 145, 1953.
3. Ground Water in Ontario, 1951 and 1952, Ontario Department of Mines, Bulletin 152, 1957.
4. Ground Water in Ontario, 1953 and 1954, Ontario Water Resources Commission, Ground Water Bulletin No. 1, 1961.
5. Ground Water in Ontario, 1955 and 1956, Ontario Water Resources Commission, Ground Water Bulletin 2, 1963.
6. Ground Water in Ontario, 1957, Ontario Water Resources Commission, Ground Water Bulletin No. 3, 1965.
7. Ground Water in Ontario, 1958, Ontario Water Resources Commission, Ground Water Bulletin No. 4, 1966.
8. Ground Water in Ontario, 1959, Ontario Water Resources Commission, Ground Water Bulletin No. 5, 1966.
9. Ground Water in Ontario, Southwestern Area 1960-1963, Ontario Water Resources Commission, Ground Water Bulletin 6, 1968.
10. Ground Water in Ontario, South-Central Area 1960-1964, Ontario Water Resources Commission, Water Resources Bulletin 2-7, Ground Water Series 1969.
11. Ground Water in Ontario, Southeastern Area 1960-1964, Ontario Water Resources Commission, Water Resources Bulletin 2-8, Ground Water Series 1970.
12. Ground Water in Ontario, Northern Area 1946-1969, Ontario Water Resources Commission, Water Resources Bulletin 2-9, Ground Water Series 1971.



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